

St Leger, Geoffrey

Access DB# 100630

SEARCH REQUEST FORM

Scientific and Technical Information Center

33

Requester's Full Name: Gwen Liang Examiner #: 79180 Date: 8-7-03
Art Unit: 2172 Phone Number 305-3985 Serial Number: 091547,397
Mail Box and Bldg/Room Location: CPK II 4B25 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Information Search Method, Information Search Apparatus and Storage Medium

Inventors (please provide full names): SATOMI, Hiroshi; MASUKAWA, Akihiro; KASAI, Kenji;
FUKUNAGA, Shinji; INOUE, Atsushi; ITO, Kosuke; IZUMI, Jiro

Earliest Priority Filing Date: 4/14/1999

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Concept: (Attachment A)

Claim: 1 (focus on 1-4) - (Attachment C)

Support for claim 1-4: (Attachment B)

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>Geoffrey St. Leger</u>	AA Sequence (#) _____	STN _____
Searcher Phone #: <u>308-7800</u>	AA Sequence (#) _____	Dialog <input checked="" type="checkbox"/>
Searcher Location: <u>4B30</u>	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: <u>8/14/03</u>	Bibliographic <input checked="" type="checkbox"/>	Dr.Link _____
Date Completed: <u>8/15/03</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>90</u>	Fulltext <input checked="" type="checkbox"/>	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>840</u>	Other _____	Other (specify) _____



STIC Search Report

EIC 2100

STIC Database Tracking Number: 100630

TO: Gwen Liang
Location: 4B25
Art Unit : 2172
Friday, August 15, 2003

Case Serial Number: 09/547397

From: Geoffrey St. Leger
Location: EIC 2100
PK2-4B30
Phone: 308-7800

geoffrey.stleger@uspto.gov

Search Notes

Dear Examiner Liang,

Attached please find the results of your search request for application 09/547397. I searched Dialog's foreign patent files, technical databases, product announcement files and general files.

Please let me know if you have any questions.

Regards,

Geoffrey St. Leger
4B30/308-7800



STIC Search Results Feedback Form

EIC 2100

Questions about the scope or the results of the search? Contact *the EIC searcher or contact:*

Anne Hendrickson, EIC 2100 Team Leader
308-7831, CPK2-4B40

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 3730

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC2100 CPK2-4B40



File 347:JAPIO Oct 1976-2003/Apr(Updated 030804)

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File 350:Derwent WPIX 1963-2003/UD,UM &UP=200352

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Set	Items	Description
S1	1498751	PAGE OR PAGES OR PAPER OR NEWSPAPER? ? OR MAGAZINE? ? OR NEWSLETTER? ? OR PRINTED() (MATTER OR DOCUMENT? ? OR TEXT) OR SHEET? ? OR NEWSHEET? ? OR ARTICLE? ? OR PUBLICATION? ?
S2	50580	AD OR ADS OR ADVERTIS??? OR ADVERTISEMENT? ? OR BANNER? ? - OR PROMOTIONAL
S3	1570108	IMAGE? ? OR PICTURE? ? OR PHOTO? ? OR PHOTOGRAPH? ? OR GRAPHIC??
S4	1259071	CONTENT OR TEXT??? OR WORD? ? OR STORY OR STORIES OR NEWS - OR ARTICLE
S5	1207	S1(5N)S2:S3(5N)S4(5N) (LAYOUT? ? OR LAY???()OUT OR DESIGN??? OR ORGANIZ? OR ORGANIS? OR ARRANG? OR ASSEMBL? OR CREAT??? OR CONSTRUCT??? OR BUILD??? OR GENERAT??? OR FORMAT???)
S6	2842	S1(5N)S2:S3(5N)S4(5N) (STRUCTUR??? OR FORM?? OR FORMING OR - FORMATION? OR PREPAR? OR PRODUC? OR PUT????()TOGETHER OR FASHION??? OR CONFIGUR? OR COMPOS? OR PLAC??? OR PLACEMENT OR POSITION???)
S7	925	S2:S3(5N)S4(5N) (MERG??? OR COMBIN? OR JOIN??? OR MESH??? OR BLEND??? OR UNITE? ? OR UNITING OR MARRY??? OR MARRIE? ? OR - INTEGRAT? OR INCORPORAT?)
S8	3913	(BEST OR OPTIMAL) (5N) (PLACEMENT OR LAYOUT? ? OR POSITION? ? OR ARRANG? OR ORGANIS? OR ORGANIZ? OR STRUCTURE? ?)
S9	2419	S1(5N) (DETERMIN? OR CALCULAT? OR ASCERTAIN? OR COMPUTES OR COMPUTED OR COMPUTING) (5N) (PLACEMENT OR LAYOUT? ? OR POSITION? ? OR ARRANG? OR ORGANIS? OR ORGANIZ? OR STRUCTURE? ?)
S10	150	S5:S6 AND S7:S9
S11	50	S10 AND IC=G06F
S12	17	S10 AND AUTOMATIC?
S13	9	S12 NOT S11
S14	14	S10 AND S2
S15	324	S5:S6 AND S2
S16	127	S15 AND IC=G06F
S17	14	S14
S18	5	S17 NOT (S11 OR S13)
S19	1196037	PAGE? ? OR PRINT??? OR PAPER? ?
S20	158	S15 AND S19
S21	72	S20 AND IC=(G06T OR G06F)
S22	65	S21 NOT (S11 OR S13)
S23	128	S15 AND IC=(G06F OR G06T)
S24	55	S23 NOT (S11 OR S13 OR S22)
S25	1	S1(5N)S2:S3(5N)S4(5N) PAGINAT?
S26	2	PAGINAT? AND LAYOUT? ? AND S1 AND S2
S27	5	PAGINAT? AND S1 AND S2
S28	94	LAYOUT? ? AND S1 AND S2
S29	69	S28 AND IC=(G06F OR G06T)
S30	62	S29 NOT (S11 OR S13 OR S22 OR S24 OR S25:S27)
S31	8073	S2 AND S19
S32	12	S8:S9 AND S31

11/5/18 (Item 18 from file: 347)
DIALOG(R)File 347:JAPIO
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05900318 **Image available**
COORDINATION SUPPORTING APPARATUS FOR **ARTICLE** , METHOD FOR DISPLAYING
COORDINATED **IMAGE** OF **ARTICLE** AND PRODUCTION OF **ARTICLE**

PUB. NO.: 10-183418 [JP 10183418 A]
PUBLISHED: July 14, 1998 (19980714)
INVENTOR(s): TAKINAMI JUNICHI
SEKIGUCHI NORITSUNE
APPLICANT(s): TORAY IND INC [000315] (A Japanese Company or Corporation),
JP (Japan)
APPL. NO.: 09-292373 [JP 97292373]
FILED: October 24, 1997 (19971024)
INTL CLASS: [6] A41H-043/00; **G06F-017/50**
JAPIO CLASS: 30.3 (MISCELLANEOUS GOODS -- Clothing & Personal Belongings);
45.4 (INFORMATION PROCESSING -- Computer Applications)

ABSTRACT

PROBLEM TO BE SOLVED: To provide a coordination supporting apparatus and a method for displaying a coordinated **image** of an article, capable of freely combining various wears and accessories without using the actual wears, etc., to confirm the changing effect of the color and pattern of a wear or an accessory and enabling the collective judgement of the suitability of coordination in an easy-order sale before ordering.

SOLUTION: **Images** of at least two articles stored in an **article** information memory means are retrieved, the retrieved two or more **images** are **combined** together to form a **combined image** , the color and/or pattern of the **article** in the **combined image** are designated and the **image** having the designated color and pattern is displayed.

11/5/19 (Item 19 from file: 347)
DIALOG(R)File 347:JAPIO
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05532149 **Image available**
AUTOMATIC ARTICLE LAYOUT DEVICE

PUB. NO.: 09-146949 [JP 9146949 A]
PUBLISHED: June 06, 1997 (19970606)
INVENTOR(s): SHIRAKAWA TAKAHISA
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 07-309251 [JP 95309251]
FILED: November 28, 1995 (19951128)
INTL CLASS: [6] **G06F-017/24** ; B41J-021/00; **G06F-017/21**
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 29.4
(PRECISION INSTRUMENTS -- Business Machines)
JAPIO KEYWORD:R139 (INFORMATION PROCESSING -- Word Processors)

ABSTRACT

PROBLEM TO BE SOLVED: To obtain a relatively good layout without any human intervention by performing a layout processing as many times as predetermined and outputting the layout result which has the largest total evaluated value.

SOLUTION: A column generating means 101 outputs column information, i.e., the shape and size of each column to an allocating means 103. An **article** input means 102 outputs constituent element data on an **article** such as its heading, body, chart, and **image** to an **article** output means 150. The allocating means 103 **determines article** constituent elements made to correspond to a **layout** to **lay out** the elements. An optimum **arrangement** result retrieval means 104 inputs arrangement result evaluation information to find a total evaluated value from the total of weights, the product of all evaluated values, etc., stores the layout

information having the maximum total evaluated value, and outputs the **best layout** information to the article output means 150 after performing the allocating process as many times as predetermined.

11/5/25 (Item 25 from file: 347)
DIALOG(R)File 347:JAPIO
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01509558 **Image available**
PICTURE DATA PROCESSING METHOD

PUB. NO.: 59-221158 [JP 59221158 A]
PUBLISHED: December 12, 1984 (19841212)
INVENTOR(s): TAKAZAWA TORU
APPLICANT(s): PHOTO COMPOSING MACH MFG CO LTD [400872] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 58-096098 [JP 8396098]
FILED: May 31, 1983 (19830531)
INTL CLASS: [3] H04N-001/00; **G06F-015/20** ; G09G-001/06
JAPIO CLASS: 44.7 (COMMUNICATION -- Facsimile); 44.9 (COMMUNICATION -- Other); 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: E, Section No. 310, Vol. 09, No. 95, Pg. 66, April 24, 1985 (19850424)

ABSTRACT

PURPOSE: To allow the method to cope flexibly with the proofreading of character data or picture data by editing and **combining** automatically desired **pictures** and characters based on a **text** data consisting mainly of a **picture** data and a character data registered in a picture file.

CONSTITUTION: When a text data 29 is given, the picture data corresponding to the name of space specified in the **text** data is read from the **picture** file 26. Then the read **picture** data and the character data forming a main part of the **text** data are **combined** at a CPU 25 and a print command data 31 obtained from the result drives a character/picture output means so as to **form** a desired character/ **picture** synthesis **printed matter** 32. If a **picture** data in matching with a condition designated by the **text** data 29 is not registered in the **picture** file 26, print space information in the **text** data is outputted to the print command data 31 as it is.

11/5/35 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013157123 **Image available**
WPI Acc No: 2000-328996/200028
XRPX Acc No: N00-247677

Computer implemented method involves converting input format document into output format document by utilizing intermediate block format

Patent Assignee: BCL COMPUTERS INC (BCLC-N)

Inventor: ALAM H; HARTONO R; KOICHI A; TJAHJADI T; TUPAJ S; WIDJAJA H; ARIYOSHI K

Number of Countries: 023 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200020985	A1	20000413	WO 99US19253	A	19990820	200028 B
EP 1153350	A2	20011114	EP 99945156	A	19990820	200175
			WO 99US19253	A	19990820	
US 6336124	B1	20020101	US 98102688	A	19981001	200207
			US 99346786	A	19990707	
JP 2002526862	W	20020820	WO 99US19253	A	19990820	200258
			JP 2000575041	A	19990820	

Priority Applications (No Type Date): US 99346786 A 19990707; US 98102688 P

19981001

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
WO 200020985 A1 E 70 G06F-015/30
Designated States (National): CN JP RU
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
MC NL PT SE
EP 1153350 A2 E G06F-015/00 Based on patent WO 200020985
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
LU MC NL PT SE
US 6336124 B1 G06F-017/30 Provisional application US 98102688
JP 2002526862 W 81 G06F-017/21 Based on patent WO 200020985

Abstract (Basic): WO 200020985 A1

NOVELTY - The data in input format document are grouped into intermediate format block, by joining words or lines that satisfies threshold line or paragraph threshold. The intermediate format block is converted to output format document.

DETAILED DESCRIPTION - The locating tags in first document is utilized for locating words, joining words into lines and joining lines into paragraph. The input and output format are selected from the group consisting of portable document **format** (PDF), rich text **format** (RTF), hypertext markup language (HTML), extensible markup language (XML), cascading style **sheet** (CSS), netscape layers linked and separate **pages**, tag **image** file **format** (TIFF), **graphics** interchange **format** (GIF), bitmap (BMP), joint photographic experts group (JPEG), MICROSOFT **WORD**, **WORD** PERFECT, AUTOCAD and POWER POINT. An INDEPENDENT CLAIM is also included for computer program **product** for maintaining repository of input document in one storage format.

USE - For extracting data from digital data representing document such as printed document or internet webpage in image processing research for user to manipulate document by cutting, pasting or editing, revising the document to reformat to fully or partially using document for analysis.

ADVANTAGE - Since computer codes are stored in computer readable such as CDROM, the output format may be displayed by locating sub-page breaks, etc., in the document and then displaying each sub-page sequentially, thus document in one format is changed to other format easily.

DESCRIPTION OF DRAWING(S) - The figure shows the flow diagram illustrating method for converting data representing document from original input format to different output format.

pp; 70 DwgNo 3/27

Title Terms: COMPUTER; IMPLEMENT; METHOD; CONVERT; INPUT; FORMAT; DOCUMENT; OUTPUT; FORMAT; DOCUMENT; UTILISE; INTERMEDIATE; BLOCK; FORMAT

Derwent Class: T01

International Patent Class (Main): G06F-015/00 ; G06F-015/30 ; G06F-017/21 ; G06F-017/30

International Patent Class (Additional): G06F-012/00

File Segment: EPI

11/5/37 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010988978 **Image available**

WPI Acc No: 1996-485927/199648

Related WPI Acc No: 1995-200523; 1998-041607; 1998-480760; 1998-506261; 1999-059605; 2000-136771; 2002-470354

XRPX Acc No: N96-409316

Intelligent notes for organising, linking and manipulating data - includes note application which is able to interact with other programs to maintain notes which relates to objects and invokes their display

Patent Assignee: WAVERLY HOLDINGS INC (WAVE-N); SMARTPATENTS INC (SMAR-N); AURIGIN SYSTEMS INC (AURI-N)

Inventor: AHN D; FLORIO M P; JACKSON A; KURATA D; RAPPAPORT I S; RIVETTE K

G

Number of Countries: 071 Number of Patents: 011

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9633465	A1	19961024	WO 96US5263	A	19960417	199648 B
AU 9657127	A	19961107	AU 9657127	A	19960417	199709
US 5623679	A	19970422	US 93155752	A	19931119	199722
			US 94341129	A	19941118	
			US 95423676	A	19950418	
EP 832460	A1	19980401	EP 96915321	A	19960417	199817
			WO 96US5263	A	19960417	
US 5809318	A	19980915	US 93155752	A	19931119	199844
			US 94341129	A	19941118	
			US 95423676	A	19950418	
			US 97832971	A	19970404	
BR 9608262	A	19990202	BR 968262	A	19960417	199911
			WO 96US5263	A	19960417	
JP 11504143	W	19990406	JP 96531856	A	19960417	199924
			WO 96US5263	A	19960417	
US 5950214	A	19990907	US 93155752	A	19931119	199943
			US 94341129	A	19941118	
			US 95423676	A	19950418	
			US 97832971	A	19970404	
			US 9858275	A	19980410	
AU 712382	B	19991104	AU 9657127	A	19960417	200003
KR 99007826	A	19990125	WO 96US5263	A	19960417	200014
			KR 97707349	A	19971017	
CN 1184539	A	19980610	CN 96193996	A	19960417	200254

Priority Applications (No Type Date): US 95423676 A 19950418; US 93155752 A 19931119; US 94341129 A 19941118; US 97832971 A 19970404; US 9858275 A 19980410

Cited Patents: 3.Jnl.Ref

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9633465	A1	E	127	G06F-015/00	
					Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN
					Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG
AU 9657127	A				Based on patent WO 9633465
US 5623679	A		109	G06F-017/00	CIP of application US 93155752
					CIP of application US 94341129
EP 832460	A1	E			Based on patent WO 9633465
					Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
US 5809318	A			G06F-017/00	CIP of application US 93155752
					CIP of application US 94341129
					Cont of application US 95423676
					Cont of patent US 5623679
					CIP of patent US 5623681
BR 9608262	A				Based on patent WO 9633465
JP 11504143	W		135	G06F-017/30	Based on patent WO 9633465
US 5950214	A			G06F-017/30	CIP of application US 93155752
					CIP of application US 94341129
					Cont of application US 95423676
					Cont of application US 97832971
					Cont of patent US 5623679
					CIP of patent US 5623681
					Cont of patent US 5809318
AU 712382	B				Previous Publ. patent AU 9657127
					Based on patent WO 9633465
KR 99007826	A				Based on patent WO 9633465
CN 1184539	A			G06F-015/00	

Abstract (Basic): WO 9633465 A

The intelligent note application operates on a computer system or

network and interlinks notes and related data objects. The note application interacts with other applications either through standard protocols, e.g. OLE standard, or by other methods. The note system allows the creation of notes (314A) that can contain sub-notes (316) which can contain further sub-notes.

The sub-notes can be related to data objects (320) in other applications. When the user issues a request to view the object related to the currently viewed note, the relevant application is invoked and caused to display the object. The objects can consist of textual, graphical or other data forms.

ADVANTAGE - Allows notes to be organised logically and retain their relevance by maintaining pointers to related data objects.

Dwg.3B/47

Title Terms: INTELLIGENCE; NOTE; ORGANISE; LINK; MANIPULATE; DATA; NOTE; APPLY; ABLE; INTERACT; PROGRAM; MAINTAIN; NOTE; RELATED; OBJECT; DISPLAY

Derwent Class: S05; T01

International Patent Class (Main): G06F-015/00 ; G06F-017/00 ;

G06F-017/30

International Patent Class (Additional): G06F-012/00 ; G06F-017/21

File Segment: EPI

11/5/38 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010734148 **Image available**

WPI Acc No: 1996-231103/199624

XRPX Acc No: N96-193963

Computerised prodn. of colour picture card, souvenir cards - creating template from stored image and text data to print onto card and covering card front and back surface with transparent plastic laminate film

Patent Assignee: ARSENAULT E (ARSE-I); LEIBOVITCH E (LEIB-I)

Inventor: ARSENAULT E; LEIBOVITCH E

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2131338	A	19960302	CA 2131338	A	19940901	199624 B
CA 2131338	C	19980512	CA 2131338	A	19940901	199830

Priority Applications (No Type Date): CA 2131338 A 19940901

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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CA 2131338	A		18	G06F-003/12	
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CA 2131338	C			G06F-003/12	
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Abstract (Basic): CA 2131338 A

The card prodn. uses image information stored as computer files to **create** templates for the front and back of the card. The templates are **created** from the stored, digital **images** and **combined** with **textual** information specific to each card. The resulting **composite image** is printed onto the front and back of a **sheet** of material (10) by a colour photocopier depositing toner, with the back of the sheet receiving less toner coverage, pref. 30% less, to prevent smudging. The material is covered with a plastic laminate film (30) on both sides. The sheet is passed through a laminator to fuse the front and back sheet material to the plastic laminate film. The sheet is cut into separate cards (5).

USE/ADVANTAGE - Sports cards, graduation cards, baby picture cards. Card is protected against smearing, smudging, tearing and cracking.

Dwg.2/4

Title Terms: COMPUTER; PRODUCE; COLOUR; PICTURE; CARD; SOUVENIR; CARD; TEMPLATE; STORAGE; IMAGE; TEXT; DATA; PRINT; CARD; COVER; CARD; FRONT; BACK; SURFACE; TRANSPARENT; PLASTIC; LAMINATE; FILM

Derwent Class: S06; T04

International Patent Class (Main): G06F-003/12

File Segment: EPI

11/5/39 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010642361 **Image available**
WPI Acc No: 1996-139315/199614
XRPX Acc No: N96-116756

**Computerised form document editor simulating manual editing - has
descriptor table defining editable graphics and test areas with editor
operating on bitmap page images for document storage and user editing**

Patent Assignee: WANG LAB INC (WANG)

Inventor: DALEY G L; MILLARD K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5495565	A	19960227	US 94262817	A	19940621	199614 B

Priority Applications (No Type Date): US 94262817 A 19940621

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5495565	A		12	G06F-015/00	

Abstract (Basic): US 5495565 A

The editor has a **form** descriptor table defining editable graphics and text areas. A page includes a background bitmap **image** (18), a **graphics** bitmap **image** (22) and a **text** buffer of **text** appearing in a **text** area of the page. The editor includes a **graphics** editor operating on the **graphics** bitmap **image** and a **text** editor editing the **text** in the **text** buffer. The background and **graphics** bitmap **images** and **text** buffer are combined into a composite page image for display and storage of the **form** document.

A document is retrieved from storage for editing and supplied to the editor as a background bitmap. An area of a page may contain autofill data and the editor includes an intelligent autofill data import mechanism inserting user provided data into the autofill data upon detecting a user data import indicator, with the user data replacing the indicator in the autofill data.

ADVANTAGE - Provides simple, flexible and easy to learn interface.

Dwg.3/4

Title Terms: COMPUTER; FORM; DOCUMENT; EDIT; SIMULATE; MANUAL; EDIT;
DESCRIBE; TABLE; DEFINE; GRAPHIC; TEST; AREA; EDIT; OPERATE; PAGE; IMAGE;
DOCUMENT; STORAGE; USER; EDIT

Derwent Class: T01

International Patent Class (Main): G06F-015/00

File Segment: EPI

11/5/41 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010299262 **Image available**
WPI Acc No: 1995-200523/199526
Related WPI Acc No: 1996-485927; 1998-041607; 1998-480760; 1998-506261;
1999-059605; 2000-136771; 2002-470354
XRPX Acc No: N95-157489

**Synchronisation and display method for manipulating text and image
documents - involves extracting source text file to paginate with source
image file to produce equivalent text file**

Patent Assignee: WAVERLY HOLDINGS INC (WAVE-N); AURIGIN SYSTEMS INC

(AURI-N); SMARTPATENTS INC (SMAR-N)

Inventor: AHN D; FLORIO M P; JACKSON A; KURATA D; RAPPAPORT I S; RIVETTE K
G

Number of Countries: 058 Number of Patents: 013

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9514280	A1	19950526	WO 94US13454	A	19941118	199526 B

AU 9512925	A	19950606	AU 9512925	A	19941118	199538
EP 731948	A1	19960918	WO 94US13454	A	19941118	199642
			EP 95904108	A	19941118	
US 5623681	A	19970422	US 93155752	A	19931119	199722
JP 9505422	W	19970527	WO 94US13454	A	19941118	199731
			JP 95514665	A	19941118	
BR 9408111	A	19970805	BR 948111	A	19941118	199738
			WO 94US13454	A	19941118	
AU 688836	B	19980319	AU 9512925	A	19941118	199825
AU 9871899	A	19980813	AU 9512925	A	19941118	199844
			AU 9871899	A	19980616	
US 5845301	A	19981201	US 93155752	A	19931119	199904
			US 96647230	A	19960509	
US 5991780	A	19991123	US 93155752	A	19931119	200002
			US 96647230	A	19960509	
			US 9854537	A	19980403	
AU 712181	B	19991028	AU 9512925	A	19941118	200005
			AU 9871899	A	19980616	
CN 1141093	A	19970122	CN 94194773	A	19941118	200047
KR 345945	B	20021125	WO 94US13454	A	19941118	200334
			KR 96702613	A	19960517	

Priority Applications (No Type Date): US 93155752 A 19931119; US 96647230 A 19960509; US 9854537 A 19980403

Cited Patents: 3.Jnl.Ref

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9514280	A1	E	202	G06F-017/30	
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Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB GE HU JP KE KG KP KR KZ LK LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ

AU 9512925	A			G06F-017/30	Based on patent WO 9514280
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EP 731948	A1	E	1	G06F-017/30	Based on patent WO 9514280
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Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

US 5623681	A		94	G06F-017/00	
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JP 9505422	W		216	G06F-003/14	
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Based on patent WO 9514280

BR 9408111	A			G06F-017/30	
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Based on patent WO 9514280

AU 688836	B			G06F-017/30	
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Previous Publ. patent AU 9512925

AU 9871899	A			G06F-017/00	
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Based on patent WO 9514280

US 5845301	A			G06F-015/00	
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Div ex application AU 9512925

Div ex application US 93155752

US 5991780	A			G06F-015/00	
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Div ex patent US 5623681

Div ex application US 93155752

Cont of application US 96647230

Div ex patent US 5623681

Cont of patent US 5845301

AU 712181	B			G06F-017/00	
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Div ex application AU 9512925

Div ex patent AU 688836

Previous Publ. patent AU 9871899

CN 1141093	A			G06F-017/30	
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KR 345945	B			G06F-017/30	
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Previous Publ. patent KR 96706140

Based on patent WO 9514280

Abstract (Basic): WO 9514280 A

The method involves extracting a source text file and a source image file from a storage medium. The source text file is paginated with the source image file of the document to produce an equivalent text file.

The equivalent text file and the source image file may be displayed on a monitor display. The equivalent text file may also be indexed to generate an index of words in the source text file.

ADVANTAGE - Allows very fast text searching using GUI.

Dwg.2/86

Title Terms: SYNCHRONISATION; DISPLAY; METHOD; MANIPULATE; TEXT; IMAGE; DOCUMENT; EXTRACT; SOURCE; TEXT; FILE; SOURCE; IMAGE; FILE; PRODUCE;

EQUIVALENT; TEXT; FILE
Index Terms/Additional Words: GRAPHICAL; USER; INTERFACE
Derwent Class: T01
International Patent Class (Main): G06F-003/14 ; G06F-015/00 ;
G06F-017/00 ; G06F-017/30
File Segment: EPI

11/5/48 (Item 23 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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007697561 **Image available**
WPI Acc No: 1988-331493/198847
XRPX Acc No: N88-251261

**Document preparation appts. e.g. word processor - instantaneously
confirms latest layout of window in edition unit and re-edits text data
in accordance with latest arrangement**

Patent Assignee: HITACHI LTD (HITA)
Inventor: FUJIWARA M; KAWASE M; MASUDA K; TANIGUCHI S
Number of Countries: 005 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 291906	A	19881123	EP 88107822	A	19880516	198847 B
US 5003499	A	19910326	US 88193788	A	19880513	199115

Priority Applications (No Type Date): JP 87120587 A 19870518
Cited Patents: 2.Jnl.Ref; A3...9030; EP 173124; No-SR.Pub
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 291906	A	E	70		

Designated States (Regional): DE GB IT NL
Abstract (Basic): EP 291906 A

The preparation unit (561) has a region set device for setting a size of the region to a size corresponding to the print output. Also provided is a region attribute set device, a region information hold device and a text re-determination device. The text data 'edition unit includes a text input controller (51). The region data hold device manages the size and position of the region and the attributes set.

The text input controller, controls the arrangement to the character string at the time of text input by referring to the information whose position on the page is fixed. When the user moves the operation which changes the input region of the text, the **arrangement** of the text is re- **determined** inside the **page** in accordance with the region.

ADVANTAGE - Improved editing efficiency.

1/39

Title Terms: DOCUMENT; PREPARATION; APPARATUS; WORD; PROCESSOR; INSTANT;
CONFIRM; LATE; LAYOUT; WINDOW; EDIT; UNIT; EDIT; TEXT; DATA; ACCORD; LATE
; ARRANGE

Derwent Class: T01
International Patent Class (Additional): G06F-003/12 ; G06F-015/20
File Segment: EPI

13/5/8 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

008448316 **Image available**
WPI Acc No: 1990-335316/199045
XRPX Acc No: N90-256491

Page composition machine - uses network of microcomputers used as data input terminals connected to central memory and to processor which lays out page

Patent Assignee: INDEP TECH LTD (INDE-N); INDEPENDENT TECHNOLOGIES LTD (INDE-N)

Inventor: WILDE G

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
BE 1002224	A	19901016	BE 90733	A	19900719	199045 B
GB 2246102	A	19920122	GB 9015968	A	19900720	199204 N
GB 2246102	B	19931215	GB 9015968	A	19900720	199350 N

Priority Applications (No Type Date): BE 90733 A 19900719; GB 9015968 A 19900720

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2246102	B		3	B41B-027/00	
GB 2246102	A			B41B-027/00	

Abstract (Basic): BE 1002224 A

The page composition system (1) comprises input microcomputers (4), a processor (2), a memory, a linotype output, and an interconnection network (5) A (5). A **graphic** analyser (6) processes **images** to be printed. **Advertising text** is entered and stored in **text** memory. **Page layout** parameters are also entered and stored

Parameters including page size, font data, column width, space between columns, and a number representing the category of an advertisement. The processor groups advertisements by number then arranges them on the page.

ADVANTAGE - **Optimal layout** of advertising on a page to make best use of page space. (16pp Dwg.No.1/2)

Title Terms: PAGE; COMPOSITION; MACHINE; NETWORK; MICROCOMPUTER; DATA; INPUT; TERMINAL; CONNECT; CENTRAL; MEMORY; PROCESSOR; LAY; PAGE
Derwent Class: P74; S06; T01

International Patent Class (Main): B41B-027/00

File Segment: EPI; EngPI

26/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012587881 **Image available**
WPI Acc No: 1999-393988/199933
XRPX Acc No: N99-294412

Computer based yellow pages pagination and layout method for commercial telephone directory

Patent Assignee: MITSUBISHI ELECTRIC INFORMATION TECHNOLO (MITQ)
Inventor: JOHARI R; MARKS J; PARTOVI A; SHIEBER S M
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
US 5911146 A 19990608 US 96646740 A 19960503 199933 B

Priority Applications (No Type Date): US 96646740 A 19960503

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 5911146 A 8 G06T-015/00

Abstract (Basic): US 5911146 A

NOVELTY - **Page** break locations are randomly set in the stream of ordered **advertisements** (10-13). A starting column is assigned to each **advertisement** which is placed in lowest position in the column. Text is placed in the spaces between **advertisements** on each **page**. At least one of **page** break location and placement of **advertisement** on **page** is randomly adjusted.

DETAILED DESCRIPTION - First configuration of **pages** of **advertisements** and text are randomly formed and a value is determined for it. The **page** break, position of **advertisement** and amount of empty space on **page**, are randomly adjusted. An INDEPENDENT CLAIM is included for **pagination** and **layout** system.

USE - For commercial telephone directory.

ADVANTAGE - Uses heuristic approach to optimize **pagination** and positioning of text and **advertisements** thus leading to significant reduction of wastage space.

DESCRIPTION OF DRAWING(S) - The figure shows **page** from directory.

Advertisement (10-13)

pp; 8 DwgNo 1/4

Title Terms: COMPUTER; BASED; YELLOW; **PAGE** ; **PAGE** ; **LAYOUT** ; METHOD;
COMMERCIAL; TELEPHONE; DIRECTORY
Derwent Class: T01
International Patent Class (Main): G06T-015/00
File Segment: EPI

26/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010189285 **Image available**
WPI Acc No: 1995-090539/199512
XRPX Acc No: N95-071676

Computerised directory pagination system e.g for telephone directories - comprises sequence of sorting operations which sort and position entry items based on specific parameters relating to size, shape, type and page format directory rules

Patent Assignee: ITT CORP (INTT)
Inventor: DE HEUS R; MCDOWELL W L; RANDALL S
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
US 5390354 A 19950214 US 91670255 A 19910315 199512 B

Priority Applications (No Type Date): US 91670255 A 19910315

Patent Details:

Abstract (Basic): US 5390354 A

The system comprises a computer program containing a data formatting module comprising a utility program which converts pre-formatted host-dependent data into input data which input data specifies the type, height and width of each book item. A pre-**pagination** module comprises a program which creates intermediate data files from the input data generated by the data formatting module which intermediate data files contain an abbreviated form of the input data, identification codes and size information on the display **advertisements**, and data on vertical separation between the book items and body height of the book items. A **pagination** module comprises a program which assigns a **page** location for each book item in the intermediate files generated by the pre-**pagination** module by performing a series of sorting operations on the intermediate data files based on stored **pagination** parameters so as to produce a **paginated** tabulated data file.

A cross-referencing module comprises a program which determines the relationships between the display **advertisements** and corresponding reference listings in the **paginated** tabulated data file using the intermediate data files. A post-**pagination** module comprises a program which prepares a final book **layout** of the printed directory using the intermediate data files by associating all of the **paginated** book items generated by the **pagination** module with their corresponding textual and graphic content. The processor executes intermediate data files to produce the final book **layout** of the printed directory and prints the directory.

USE/ADVANTAGE - For **paginating** any printed directory e.g telephone, membership directory, art or stamp catalogue. Provides system which can be used for any **page** format, any type or number of rules and any type of item to be positioned on **page**. Permits changes without programming intervention and can be run on personal computer.

Dwg.1/7

Title Terms: COMPUTER; DIRECTORY; **PAGE**; SYSTEM; TELEPHONE; DIRECTORY; COMPRISE; SEQUENCE; SORT; OPERATE; SORT; POSITION; ENTER; ITEM; BASED; SPECIFIC; PARAMETER; RELATED; SIZE; SHAPE; TYPE; **PAGE**; FORMAT; DIRECTORY; RULE

Derwent Class: T01; T04

International Patent Class (Main): G06F-003/14

File Segment: EPI

27/5/3 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012448061 **Image available**
WPI Acc No: 1999-254169/199921
XRPX Acc No: N99-189252

Database unit in personal advertisement taking pagination information system (APIS)

Patent Assignee: FITCH J H (FITC-I); SHARON P A (SHAR-I)

Inventor: FITCH J H; SHARON P A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5893111	A	19990406	US 97876007	A	19970613	199921 B

Priority Applications (No Type Date): US 97876007 A 19970613

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5893111	A	18	G06F-017/30	

Abstract (Basic): US 5893111 A

NOVELTY - The system (22), coupled to a vendor's network (14) comprises a database including an identifier of the client, the personal **ads** to be distributed to the client and a profile of the client. The client profile includes a list of personal **ad** parameters and a weight attached to each parameter, obtained from an **ad** response machine.

DETAILED DESCRIPTION - The **ads** are distributed to the clients in order based on the weight assigned to each parameter applicable to the **ad**. A centralized automated polling system (CAPS) (40) communicates with several local audio text system (ATS) machines (481-48K) and remote ATS machines (441-44N) coupled to the network for obtaining certain statistical information to permit telephone responses personals published by the vendor's clients to be recorded, stored and accessed by the **advertiser**. An INDEPENDENT CLAIM is included for a method for providing text of personal **ads** to client.

USE - For use in network such as LAN on which personal **ads** are stored for distribution to clients.

ADVANTAGE - Statistical information obtained from **ad** response machines are used to order **ads** for distribution in an optimum manner.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of a network for placing and responding to personal **ads** including an APIS.

Vendor's network (14)

Ad taking information system (22)

CAPS (40)

ATS machines (441-44N, 481-48K)

pp; 18 DwgNo 1/7

Title Terms: DATABASE; UNIT; PERSON; **ADVERTISE** ; **PAGE** ; INFORMATION; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

27/5/4 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011918739 **Image available**
WPI Acc No: 1998-335649/199830
XRPX Acc No: N98-261968

World wide web pages printed copies generating - receives operator selected format requirements, and uses printer for printing particular internet pages in accordance with selected format

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: OBEY J P; OLSON-WILLIAMS L R

Number of Countries: 025 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 851367	A1	19980701	EP 97309656	A	19971201	199830 B
US 6185588	B1	20010206	US 96777866	A	19961231	200109

Priority Applications (No Type Date): US 96777866 A 19961231

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 851367	A1	E	20	G06F-017/30	
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Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI

LT LU LV MC MK NL PT RO SE SI

US 6185588	B1			G06F-017/21	
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Abstract (Basic): EP 851367 A

The method involves receiving operator input for selection for printing of particular internet **pages**, which are associated with corresponding particular ones of the number of internet **page** record locators. The particular internet **pages** are retrieved using the corresponding particular ones of the number of internet **page** record locators.

The method further entails receiving operator input for operator selected format requirements. The printer is used for printing the particular internet **pages** in accordance with the operator selected format requirements.

USE - For generating printed materials using data processing system for generating printed copies of world wide web **pages**.

ADVANTAGE - Allows integration of text and images while using commonly available web browser and other software that facilitates **advertising**, **promotional**, proposal, business, and sales documents without delays, and program **pagination** problems.

Dwg.4/7

Title Terms: WORLD; WIDE; WEB; **PAGE**; PRINT; COPY; GENERATE; RECEIVE; OPERATE; SELECT; FORMAT; REQUIRE; PRINT; PRINT; **PAGE**; ACCORD; SELECT; FORMAT

Derwent Class: T01

International Patent Class (Main): G06F-017/21; G06F-017/30

File Segment: EPI

30/5/23 (Item 23 from file: 347)
DIALOG(R)File 347:JAPIO
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05033250 **Image available**
DEVICE AND METHOD FOR **NEWSPAPER ADVERTISEMENT LAYOUT** OPERATION

PUB. NO.: 07-325850 [JP 7325850 A]
PUBLISHED: December 12, 1995 (19951212)
INVENTOR(s): WATANABE SHUNEI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 06-118223 [JP 94118223]
FILED: May 31, 1994 (19940531)
INTL CLASS: [6] **G06F-017/50**
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 30.9
(MISCELLANEOUS GOODS -- Other)

ABSTRACT

PURPOSE: To automatically lay out the **page** space of **newspaper advertisements** even when the **advertisements** compete in the same place of the **newspaper** space by reflecting the result information of the **advertisements** which appeared in the past.

CONSTITUTION: This device is constituted of an application information input terminal 1-4, an input processing means 1-5, an application information input data file 1-6, an application information display processing means 1-7, a **layout** operation terminal 1-8 for displaying the input instructions of the retrieval conditions of application information, retrieved results, **advertisement layout** conditions and the input instructions of **advertisement layout** positions and displaying instructions for cancelling the already layed out **advertisements** and turning them to be the ones not layed out and **layout** place change instructions, etc., a **layout** information display processing means 1-9, a **layout** result output processing means 1-10, a **layout** information output data file 1-11, a **page** space **layout** output processing means 1-12, an appearance establishment and result output processing means 1-14 for outputting the result information of **advertisement** appearance establishment to a result file 1-15 for respective **advertisers** and **advertising** agents, a basic material weighting master file 1-16 and a **layout** priority degree calculation processing means 1-17.

30/5/24 (Item 24 from file: 347)
DIALOG(R)File 347:JAPIO
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01299462 **Image available**
IMAGE INPUT AND OUTPUT SYSTEM

PUB. NO.: 59-011062 [JP 59011062 A]
PUBLISHED: January 20, 1984 (19840120)
INVENTOR(s): URABE HITOSHI
MATSUMOTO MASAYUKI
KUDO HISASHI
SHIMAZAKI OSAMU
APPLICANT(s): FUJI PHOTO FILM CO LTD [000520] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 57-120329 [JP 82120329]
FILED: July 09, 1982 (19820709)
INTL CLASS: [3] H04N-001/00; G03F-001/04; **G06F-015/20**
JAPIO CLASS: 44.7 (COMMUNICATION -- Facsimile); 29.1 (PRECISION INSTRUMENTS -- Photography & Cinematography); 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: E, Section No. 241, Vol. 08, No. 91, Pg. 110, April 26, 1984 (19840426)

ABSTRACT

PURPOSE: To obtain automatically a **layout** output image without intervention of the operator, by outputting an original on an input drum on a recording member of an output drum for **layout** with a designated magnification in the diagram having a position and shape inputted from a digitizer.

CONSTITUTION: Color original images A-D stucked on the input drum 10 are color-separated at an image reading head 16 shifted in the X direction for reading, and its color separation signal PS is inputted to a logarithmic circuit 40, where the signal is converted into a density signal DS and AD-converted 41. The output is performed for color correction, emphasis of sharpness and conversion of gradation and the like at a chroma processing circuit 42 and stored in a buffer memory 43. The information is DA-converted 44, given to a modulator 45, where three colors of a laser light from a laser oscillator 46 are modulated to expose a **sheet** of color **paper** 31 stucked on the drum 30 via an output head 32.

30/5/52 (Item 28 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013669551 **Image available**
WPI Acc No: 2001-153763/200116
XRPX Acc No: N01-113335

Information processor for printing advertisement in store, has forwarding unit to forward generated output information to an output control unit

Patent Assignee: CANON KK (CANO)
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000357068	A	20001226	JP 99360674	A	19991220	200116 B
JP 3262552	B2	20020304	JP 99360674	A	19991220	200219

Priority Applications (No Type Date): JP 99106538 A 19990414

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000357068	A		59	G06F-003/12	
JP 3262552	B2		58	G06F-003/12	Previous Publ. patent JP 2000357068

Abstract (Basic): JP 2000357068 A

NOVELTY - Acquisition unit acquires output information based on the code information which is recognized by recognition unit. Generation unit generates output based on acquired information in the designated **layout**. Forwarding unit forwards the generated output information to an output control unit.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Information processing procedure;

(b) Recording medium for storing information processing program

USE - For printing **advertisements** in store, providing services such as internet based news delivery service, facsimile information extraction service, **newspaper** and **magazine** delivery service, free dial inquiry, etc.

ADVANTAGE - As the sponsor **advertisement** is optimally added, the cost of user's information acquisition is reduced. The output of detailed information is provided based on requirement of user.

DESCRIPTION OF DRAWING(S) - The figure shows information processor.

pp; 59 DwgNo 1/85

Title Terms: INFORMATION; PROCESSOR; PRINT; **ADVERTISE** ; STORAGE;
FORWARDING; UNIT; FORWARD; GENERATE; OUTPUT; INFORMATION; OUTPUT; CONTROL ; UNIT

Derwent Class: T01; W01

International Patent Class (Main): G06F-003/12

International Patent Class (Additional): G06F-013/00 ; G06F-017/30 ;
H04M-011/08

30/5/53 (Item 29 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013641163 **Image available**
WPI Acc No: 2001-125371/200114
XRPX Acc No: N01-092354

Information processing apparatus for use in e.g. convenience or retail
store for obtaining information from mobile terminal and detailed
information by print on paper
Patent Assignee: CANON KK (CANO)
Inventor: FUKUNAGA S; HIGUMA Y; INOUE A; ITO K; IZUMI J; KASAI K; MASUKAWA
A; SATOMI H; TAMARI M
Number of Countries: 026 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1045323	A2	20001018	EP 2000303127	A	20000413	200114 B
JP 2000357067	A	20001226	JP 99360673	A	19991220	200116
JP 2000357071	A	20001226	JP 99361129	A	19991220	200116
JP 3167126	B2	20010521	JP 99361129	A	19991220	200130
JP 3167124	B2	20010521	JP 99360673	A	19991220	200130

Priority Applications (No Type Date): JP 99361129 A 19991220; JP 99106516 A
19990414; JP 99106539 A 19990414; JP 99360673 A 19991220

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1045323	A2	E	127	G06F-017/60	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
JP 2000357067	A		60	G06F-003/12	
JP 2000357071	A		64	G06F-003/12	
JP 3167126	B2		62	G06F-003/12	Previous Publ. patent JP 2000357071
JP 3167124	B2		60	G06F-003/12	Previous Publ. patent JP 2000357067

Abstract (Basic): EP 1045323 A2

NOVELTY - A terminal adds **advertising** data to information supplied from information providers, and calculates the **advertisement** fee by counting the number of users printing the **advertisement**. The terminal charges the user, up to the maximum limit desired, for the information obtained according to the print amount.

DETAILED DESCRIPTION - The information processing apparatus includes a read-out controller for controlling the reading of information from a memory which stores information indicating the value of information to be output from a second memory. The second memory stores value information indicating the value of additional information e.g. **advertising** information, to be added to the output information. A determination unit determines a charge for the output of the information to be output and the additional **advertising** information, based on the value information of the information, and the value information of the additional information to be added to the information to be output. INDEPENDENT CLAIMS are included for; an output control apparatus; an information processing method; a computer-readable memory medium storing an information processing program; an information processing method; an information providing method.

USE - Providing and acquiring information with a level of information that is appropriate to the information receiving side and with appropriate **layout**.

ADVANTAGE - **Advertising** information is added to information acquired from information providers, which reduces costs for obtaining and printing the acquired information. Allows information providers to avoid paying an **advertising** fee unlimitedly. Improves convenience of access to information, and stimulates sales activity in convenience store.

DESCRIPTION OF DRAWING(S) - The drawing shows a view of an

embodiment of the information providing method and system of the invention.

Kiosk terminal (110)
Information input device (112)
P-code information output device (113)
Fee setting device (114)
Personal verification device (115)
Mobile terminal device (120)
Information provider (130)
pp; 127 DwgNo 1/85

Title Terms: INFORMATION; PROCESS; APPARATUS; CONVENIENT; RETAIL; STORAGE;
OBTAIN; INFORMATION; MOBILE; TERMINAL; DETAIL; INFORMATION; PRINT; **PAPER**

Derwent Class: T01; T04; T05; W05

International Patent Class (Main): **G06F-003/12 ; G06F-017/60**

International Patent Class (Additional): **G06F-013/00 ; G06F-017/30 ;**

H04M-011/08

File Segment: EPI

30/5/57 (Item 33 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013010404 **Image available**

WPI Acc No: 2000-182256/200016

XPX Acc No: N00-134509

Electronic publishing method used in newspaper and other hard copy publications

Patent Assignee: NETPOST INC (NETP-N)

Inventor: BEN-ARTZI A; LIVNI M

Number of Countries: 085 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200003332	A1	20000120	WO 99US15788	A	19990712	200016 B
AU 9952115	A	20000201	AU 9952115	A	19990712	200028

Priority Applications (No Type Date): US 98115778 A 19980713

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200003332 A1 E 19 G06F-017/21

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9952115 A G06F-017/21 Based on patent WO 200003332

Abstract (Basic): WO 200003332 A1

NOVELTY - **Publication** data (40,42,44) are prepared and transmitted to a host through a communication network. Tags (50,48,46) for directing host to display data according to predetermined **layout**, is prepared and transmitted along with a **publication** data.

DETAILED DESCRIPTION - A program is loaded in host, configures the data for display in response to the tags.

USE - In **newspaper** and other hard copy **publications** e.g. for telephone book yellow **pages**, **newspapers**, catalogs, TV and movie guides, classified **advertisements**, **magazines**, miscellaneous **publications**, technical journals, etc.

ADVANTAGE - Allows more rapid transmission of published **pages** through network and avoids need to complete republish data, if change is required.

DESCRIPTION OF DRAWING(S) - The figure explains the use of tags used in electronic publishing.

Publication data (40,42,44)

Tags (46,48,50)

pp; 19 DwgNo 3/7

Title Terms: ELECTRONIC; PUBLICATION ; METHOD; NEWSPAPER ; HARD; COPY;
PUBLICATION
Derwent Class: T01
International Patent Class (Main): G06F-017/21
File Segment: EPI

30/5/58 (Item 34 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012789395 **Image available**
WPI Acc No: 1999-595622/199951
XRPX Acc No: N99-439900

Automatic printing data layout processing method in newspaper
printing - involves computing mean value of gap between adjacent units
and distributing each unit in guide conclusion group such that distance
between them is below computed mean value

Patent Assignee: TOSHIBA KK (TOKE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11259470	A	19990924	JP 9859457	A	19980311	199951 B

Priority Applications (No Type Date): JP 9859457 A 19980311

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 11259470 A 8 G06F-017/24

Abstract (Basic): JP 11259470 A

NOVELTY - A unit containing guide advertisement per
classification item is collected. Each unit is arranged to form a guide
conclusion group together with area information set up beforehand. The
units are arranged such that the distance between the units is below
specific calculated mean value. When specific units cannot be secured
in the layout , the units are rearranged for optimum distribution.
DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:printing data layout processing system; recording medium
which stores program for printing data layout processing method
USE - For processing layout of printing data in newspaper
company, printing company.

ADVANTAGE - The duration of layout process is reduced. The
layout appearance is performed clearly. DESCRIPTION OF DRAWING(S) -
The figure shows the block diagram of the layout processing system.
Dwg.1/8

Title Terms: AUTOMATIC; PRINT; DATA; LAYOUT ; PROCESS; METHOD; NEWSPAPER
; PRINT; COMPUTATION; MEAN; VALUE; GAP; ADJACENT; UNIT; DISTRIBUTE; UNIT;
GUIDE; CONCLUDE; GROUP; DISTANCE; BELOW; COMPUTATION; MEAN; VALUE

Derwent Class: P84; T01
International Patent Class (Main): G06F-017/24
International Patent Class (Additional): G03F-001/00; G06F-017/21 ;
G06T-011/60
File Segment: EPI; EngPI

30/5/61 (Item 37 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010612493 **Image available**
WPI Acc No: 1996-109446/199612
XRPX Acc No: N96-091702

Newspaper advertisement allotment device for newspaper
advertisement allotment system - has allotment priority calculation
processing unit which calculates allotment priority of advertisement
based on standard material weight attachment master file and actual
result file

Patent Assignee: NEC CORP (NIDE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7325850	A	19951212	JP 94118223	A	19940531	199612 B

Priority Applications (No Type Date): JP 94118223 A 19940531

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 7325850	A	10	G06F-017/50	

Abstract (Basic): JP 7325850 A

The allotment device consists of an application information input terminal (1-4) which inputs the **advertisement** printing application information of an **advertisement** company. An input processing unit (1-5) receives the information from the application information input terminal. An application information input data file (1-6) stores the **advertisement** printing application information.

The allotment work terminal (1- 8) performs the display of an **advertisement** allotment position and the display of an allotment position change indication. An application information display processing unit (1-7) searches the application information on the application information input data file based on the reference conditions. An allotment information output data file stores the **advertisement** allotment information on the allotment information display processing unit and the allotment work result on the allotment work terminal. An allotment result output processing unit (1-10) outputs the result of the allotment work from the allotment work terminal to the allotment information output data file (1-11).

A space **layout** output processing unit (1-12) performs the image output of the allotment information output data file at the space **layout** . A printing decision and actual result output processing unit (1-14) outputs the actual result information of the **advertisement** printing decision to the actual result file (1-15). A standard material weight attachment master file (1-16) attaches the item which determines the **advertising** precedence of the logical operator. The allotment priority calculating processing unit (1-17) calculates the allotment priority of the **advertisement** based on the standard material weight attachment master file and actual result file.

ADVANTAGE - Enables to assign space of **newspaper advertisement** automatically. Improves work efficiency.

Dwg.1/4

Title Terms: **NEWSPAPER** ; **ADVERTISE** ; ALLOT; DEVICE; **NEWSPAPER** ; **ADVERTISE** ; ALLOT; SYSTEM; ALLOT; PRIORITY; CALCULATE; PROCESS; UNIT; CALCULATE; ALLOT; PRIORITY; **ADVERTISE** ; BASED; STANDARD; MATERIAL; WEIGHT; ATTACH; MASTER; FILE; ACTUAL; RESULT; FILE

Derwent Class: T01

International Patent Class (Main): G06F-017/50

File Segment: EPI

File 347:JAPIO Oct 1976-2003/Apr(Updated 030804)

(c) 2003 JPO & JAPIO

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200352

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Set	Items	Description
S1	1188500	PAGE OR PAGES OR PAPER OR PRINT??? OR HARD()COPY
S2	50580	AD OR ADS OR ADVERTIS??? OR ADVERTISEMENT? ? OR BANNER? ? - OR PROMOTIONAL
S3	2140219	TEXT??? OR WORD? ? OR STORY OR STORIES OR NEWS OR INFORMAT- ION
S4	486	S2(5N)S3(5N) (MERG??? OR COMBIN? OR JOIN??? OR MESH??? OR B- LEND??? OR UNITE? ? OR UNITING OR MARRY??? OR MARRIE? ? OR IN- TEGRAT? OR INCORPORAT? OR ADD OR ADDS OR ADDING OR ADDED)
S5	49177	LAYOUT? ? OR LAY???()OUT OR PAGINAT?
S6	121	S1 AND S4
S7	81	S6 AND IC=(G06F OR G06T)
S8	8	S7 AND S5
S9	73	S7 NOT S8
S10	39	S9 AND PRINT???
S11	34	S9 NOT S10

10/5/19 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015266799 **Image available**
WPI Acc No: 2003-327728/200331
Related WPI Acc No: 2000-038329; 2000-585928; 2001-579283; 2001-579328;
2001-624173; 2002-434769; 2002-470996
XRPX Acc No: N03-262009

**Internet-based advertisement control system processes stored
advertisement based on input data and outputs advertisement along with
its audio information**

Patent Assignee: SPEICHER G J (SPEI-I)
Inventor: SPEICHER G J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6502077	B1	20021231	US 96744879	A	19961108	200331 B
			US 97799539	A	19970212	
			US 2000549885	A	20000417	

Priority Applications (No Type Date): US 97799539 A 19970212; US 96744879 A
19961108; US 2000549885 A 20000417

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6502077	B1	22	G06F-017/60	CIP of application US 96744879 Cont of application US 97799539 Cont of patent US 6064967

Abstract (Basic): US 6502077 B1

NOVELTY - A storage unit stores the advertisement, audio information corresponding to the advertisement and data input through an interface unit that connects personal computer to a public communication network. A controller processes the stored advertisement based on the input data and outputs the advertisement along with its audio information.

USE - Advertisement control system using local area network, Internet, **integrates** the Internet personal **advertisement** services with audio **text** personal **advertisement** service.

ADVANTAGE - The display of advertisements are controlled to simultaneously publish all personal advertisements on the Internet, thereby number of responses to the **printed** personal advertisement column is optimized and all advertisers are accommodated regardless of the performance of their advertisement.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining the process of responding to an advertisement through Internet.

pp; 22 DwgNo 10/14

Title Terms: BASED; ADVERTISE; CONTROL; SYSTEM; PROCESS; STORAGE; ADVERTISE
; BASED; INPUT; DATA; OUTPUT; ADVERTISE; AUDIO; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/38 (Item 21 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012677774 **Image available**
WPI Acc No: 1999-483881/199941
XRPX Acc No: N99-360911

**Report and advertisement rate management system for magazine production -
expresses contents of printing for each page , based on report chart
and advertisement chart**

Patent Assignee: DAINIPPON PRINTING CO LTD (NIPQ)
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11203492	A	19990730	JP 9814962	A	19980109	199941 B
JP 3294184	B2	20020624	JP 9814962	A	19980109	200243

Priority Applications (No Type Date): JP 9814962 A 19980109

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11203492	A		11	G06T-011/60	
JP 3294184	B2		11	G06T-011/60	Previous Publ. patent JP 11203492

Abstract (Basic): JP 11203492 A

NOVELTY - A specific report name, its corresponding information to be **printed**, are input to a production unit (20) which produces and displays a report chart (2). An advertisement chart (3) is produced by production unit (30), based on input advertisement name and information. A rate table (4) expressing the **printing** contents for each **page**, is produced based on report and advertisement chart. DETAILED DESCRIPTION - A folding chart (1) which displays the existing output for identical line is produced based on input **page** information by a production unit (10). Based on the contents of folding chart, any **information** is **added** to specific line of report or **advertisement** chart.

USE - For magazine production.

ADVANTAGE - Reduces the complexity of intermingling reports and advertisement by processing them separately. DESCRIPTION OF DRAWING(S) - The figure shows block diagram showing components of report and advertisement rate management system. (1) Folding chart; (2) Report chart; (3) Advertisement chart; (4) Rate table; (10,20,30) Production units.

Dwg.1/12

Title Terms: REPORT; ADVERTISE; RATE; MANAGEMENT; SYSTEM; MAGAZINE; PRODUCE ; EXPRESS; CONTENT; **PRINT** ; **PAGE** ; BASED; REPORT; CHART; ADVERTISE; CHART

Derwent Class: T01

International Patent Class (Main): G06T-011/60

International Patent Class (Additional): G06F-017/21 ; G06F-017/24

File Segment: EPI

10/5/39 (Item 22 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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008806190 **Image available**

WPI Acc No: 1991-310202/199142

XRPX Acc No: N91-237815

Apparatus for administering promotional mailings - printing pertinent information associated with each entry on sheets of card stock separable into 4 individual coupons

Patent Assignee: FULFILLMENT SYST IN (FULF-N)

Inventor: KORBA P H; PEACH J A; RAPP K M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5053955	A	19911001	US 89328109	A	19890323	199142 B

Priority Applications (No Type Date): US 89328109 A 19890323

Abstract (Basic): US 5053955 A

The process **merges promotional information**, based on multiple requests and relating to different promotions, into a single stream for the **printing** and mailing of coupons, checks or other promotional items. The requests relating to a particular promotion are matched with an associated promotion control record, with one or more promotions similarly associated with an account control record in the case of preparing checks. Prior to **printing**, individual data entries for various promotions are combined, and sorted in a sequence predetermined for qualification for various postal rate classifications.

Pertinent information associated with each entry is **printed** on sheets of card stock, each sheet separable into four individual segments to provide four checks or coupons. Prior to **printing**, the entries are re-sequenced such that eventual severing of the card stock creates stacks or bundles of mailing items arranged in the desired mailing sequence.

ADVANTAGE - Minimises cumulative cost of mailing entries. (17pp
Dwg.No.2,6/8

Title Terms: APPARATUS; ADMINISTER; PROMOTE; **PRINT** ; PERTAIN; INFORMATION;
ASSOCIATE; ENTER; SHEET; CARD; STOCK; SEPARATE; INDIVIDUAL; COUPON

Derwent Class: T01

International Patent Class (Additional): **G06F-015/21**

File Segment: EPI

File 275:Gale Group Computer DB(TM) 1983-2003/Aug 14
(c) 2003 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Aug 14
(c) 2003 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2003/Aug 14
(c) 2003 The Gale Group
File 16:Gale Group PROMT(R) 1990-2003/Aug 14
(c) 2003 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2003/Aug 14
(c)2003 The Gale Group
File 624:McGraw-Hill Publications 1985-2003/Aug 13
(c) 2003 McGraw-Hill Co. Inc
File 15:ABI/Inform(R) 1971-2003/Aug 14
(c) 2003 ProQuest Info&Learning
File 647:CMP Computer Fulltext 1988-2003/Jul W3
(c) 2003 CMP Media, LLC
File 674:Computer News Fulltext 1989-2003/Aug W2
(c) 2003 IDG Communications
File 696:DIALOG Telecom. Newsletters 1995-2003/Aug 13
(c) 2003 The Dialog Corp.
File 369:New Scientist 1994-2003/Aug W1
(c) 2003 Reed Business Information Ltd.
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	4728763	PAGE OR PAGES OR PAPER OR PRINT??? OR HARD()COPY
S2	3494648	AD OR ADS OR ADVERTIS??? OR ADVERTISEMENT? ? OR BANNER? ? - OR PROMOTIONAL
S3	15902582	TEXT??? OR WORD? ? OR STORY OR STORIES OR NEWS OR INFORMAT- ION
S4	11493	S2(5N)S3(5N) (MERG??? OR COMBIN? OR JOIN??? OR MESH??? OR B- LEND??? OR UNITE? ? OR UNITING OR MARRY??? OR MARRIE? ? OR IN- TEGRAT? OR INCORPORAT? OR ADD OR ADDS OR ADDING OR ADDED)
S5	230236	LAYOUT? ? OR LAY???()OUT OR PAGINAT?
S6	1707	S1(S)S4
S7	62	S1(S)S4(S)S5
S8	50	RD (unique items)
S9	46	S8 NOT PD>19990414
S10	18	TERMINAL? ?(5N)PRINT??? (5N)S2(5N)S3
S11	13	RD (unique items)
S12	1436	S2(5N)S3(5N)INSERT???
S13	420	S1(S)S12
S14	12	S1(S)S12(S)S5
S15	7	RD (unique items)

9/3,K/1 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02055130 SUPPLIER NUMBER: 19308297 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Making your Web life a little easier. (NetObjects Fusion 2.0) (Software Review) (Evaluation)
Grunin, Lori
Windows Sources, v5, n5, p96(1)
May, 1997
DOCUMENT TYPE: Evaluation ISSN: 1065-9641 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 738 LINE COUNT: 00061

... to its DTP-like interface. The best of these is Auto-Frames, which works in conjunction with the new MasterBorders tool to create pain-free **page** frames. MasterBorders replaces headers and footers, essentially by applying the same concept to all four sides of a **page**. To start working with MasterBorders, you define margins of any size (which become the borders), and the leftover area in the center becomes the **layout** area. This more powerful **page** -breakdown architecture, **combined** with new design tools such as rotated **banners** and **text**, made it possible for us to generate a **page** with a headline running vertically down the right side of the **layout** in its own frame without much effort.

To turn the MasterBorder areas into frames, we simply chose a combination of the margins (such as top...

9/3,K/2 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02018652 SUPPLIER NUMBER: 18957706 (USE FORMAT 7 OR 9 FOR FULL TEXT)
IFRA, part II: European newspaper systems, image input and archiving.
(includes related articles on 4-Sight's ADS System 5.0, international news available on PressPoint's network, and newspapers on the Internet)
(Industry Trend or Event)
Tribute, Andrew; Joner, Urban; Rossello, Rosanne; Edwards, Stephen E.
Seybold Report on Publishing Systems, v26, n6, p3(27)
Nov 30, 1996
ISSN: 0736-7260 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 20741 LINE COUNT: 01601

... rather than relying on long printed lists, although it is possible to print the statistics.

With the latest release, the statistics module has been improved, **adding information** with relation to products, periods, **ads**, **advertisers**, volume, net income, etc.

Merging AdLayout, AutoClass. It is not uncommon for European newspapers to let classified and editorial **pages** meet, even on the same **page**. This has been a problem in moving to an electronic workflow, since those areas have to be handled by different applications. To solve this problem, Mactive has decided to merge its applications for ad dummyming (AdLayout) and classified **pagination** (AutoClass) into one product.

We didn't get a firm date for delivery of this new product, but we expect that it will be up...

9/3,K/3 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01965435 SUPPLIER NUMBER: 18548007
Nexpo '96, II: editorial and advertising systems and electronic publishing.
(includes related article on Freedom System Integrators' addition of **Phrasea to its product line**) (Industry Trend or Event)
Tribute, Andrew; Edwards, Stephen; Rossello, Rosanne; Drennan, Bill; Fischer, Christina

Seybold Report on Publishing Systems, v25, n21, p3(51)
July 29, 1996
ISSN: 0736-7260 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 41501 LINE COUNT: 03239

... FutureTense Texture, the Java- based Web publishing system, has also been added. HexMac is working on a module that will convert Xpress pages to FutureTense **Texture** format.

HexMac has also added a direct connection to the **Ad** Layout System from Managing Editor, its U.S. distributor. Now newspapers using this system can easily publish their classified ads to the Net. Other new...

9/3,K/4 (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01854428 SUPPLIER NUMBER: 17446534 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Nth Degree readies aid for magazine publishing. (Nth Degree Software's Proteus DTP software) (Product Announcement)
Seybold Report on Publishing Systems, v25, n3, p21(1)
Oct 9, 1995
DOCUMENT TYPE: Product Announcement ISSN: 0736-7260 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 668 LINE COUNT: 00057

... the editorial and advertising departments. Traditionally, magazine publishers have spent days working through the dummied process, especially if they honor advertiser requests regarding placement of **ads**.

With its built-in database, Proteus was designed to **integrate** accounting **information** into the dummied process. It tells the user in real time the **printing** costs associated with different **layout** and signature configurations and enables the production manager to quickly test different configurations. Once an issue is dummied, Proteus generates a **printed page** dummy and instructions for web offset **printing**. The press costs are calculated for specific presses, based on press templates supplied by Nth Degree.

Features. The product features an attractive user interface, with...

9/3,K/5 (Item 5 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01831082 SUPPLIER NUMBER: 17338161 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Commercial composition and page layout systems. (Drupa, Part IV: Newspaper and Commercial Composition)
Seybold Report on Publishing Systems, v24, n22, p24(10)
August 10, 1995
ISSN: 0736-7260 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 7715 LINE COUNT: 00607

... reading, for instance, "See ad at top" can be added to the text automatically, depending on where the system places the image. If the automatic **layout** parameters cause a problem, such as by placing an image on one **page** and its associated text ad on the next **page**, the user can fix the problem by hand (e.g., reposition the image), then tell the system to recalculate the **layout**.

Vertical justification and interparagraph spacing can be ad-justed either through dialogs or by hand. A minimum amount of interparagraph space can be specified for...

9/3,K/6 (Item 6 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01805565 SUPPLIER NUMBER: 16280777 (USE FORMAT 7 OR 9 FOR FULL TEXT)

IFRA '94 recap: Europe adopts Windows, new systems abound, retrieving images. (includes related articles on Partner von dem Druck's innovative drum scanner and an acknowledgment to Apple for the use of its QuickTake digital camera)

Joner, Urban; Karsh, Arlene E.; Neeff, David; Tribute, Andrew

Seybold Report on Publishing Systems, v24, n5, p3(55)

Nov 17, 1994

ISSN: 0736-7260

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 44978

LINE COUNT: 03568

... be merged with a partial editorial page, it has to be done on the Xpress workstation.

To do the same using VIP Classix, the classified **page** first has to be stored as an eps file, which can be called and placed on the Xpress **page**, with editorial **text** added on top of it.

In order to use Classix, **ads** under specified classifications have to be selected and sorted in the system. The result is then used for pagination.

At the time of the show...

9/3,K/7 (Item 7 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01795999 SUPPLIER NUMBER: 16979129 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Newspaper systems. (Seybold Special Report, Part II)

Seybold Report on Publishing Systems, v24, n18, pS54(5)

May 15, 1995

ISSN: 0736-7260

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 3979

LINE COUNT: 00313

... were reported instantly and in plain terms, not in cryptic codes.

View palette. Several minor additions were made in the area of monitoring ad and **page** status. Prior versions included more than 20 views of the publication...

...to reflect **ad layout information**. ALS 2.0 **adds** color-coded indicators to flag **pages** where the status of ads has changed. In a production environment, users

might monitor the screen from across the room, where large, color-coded dots...

9/3,K/8 (Item 8 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01551980 SUPPLIER NUMBER: 12237488 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Pagination, remote OPI typesetting and an update on Hyphen Italy. (profile of Italian newspaper L'Indipendente, typesetting in Italy, and the Milan branch of typesetting firm Hyphen)

Solimeno, William J.

Seybold Report on Publishing Systems, v21, n17, p3(13)

May 22, 1992

ISSN: 0736-7260

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 8115

LINE COUNT: 00626

... with each remote typesetter. Pages with text (output as PostScript files with OPI calls for missing elements) are the last elements to be transmitted.

When **pages** are received, the OPI server automatically **merges ads**, photos and other graphics electronically with the **paginated text pages** and typesets them on one of the Sparc-based Hyphen typesetters. Everything is typeset directly on film. No RC **paper** is used, which saves another step (and cost) in the production process.

Just as the use of OPI helps speed typesetting in a local environment

...

9/3,K/9 (Item 9 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01515347 SUPPLIER NUMBER: 12123984 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Titus reappears with interactive WYSIWYG. (Titus Communications Corp.'s
TitusDOS, TitusPage software programs) (The Latest Word) (Product
Announcement)**
Seybold Report on Publishing Systems, v21, n14, p40(4)
April 13, 1992
DOCUMENT TYPE: Product Announcement ISSN: 0736-7260 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2098 LINE COUNT: 00158

... instead what might be viewed as a "poor man's Windows." The system runs within 640K of memory on a range of PC networks.

All **news**, classified, display **ad** and **layout** functions are **incorporated** into all terminals. That is, there are no special capabilities put into a terminal for applications such as **pagination** or display ads. Each workstation on the network includes the full, basic compliment of functionality. The only optional modules cover ad tracking, display ad accounting, classified ad accounting and RIP software to drive a largeformat, dumb **printer**.

As was the case the last time we saw Titus, the system was developed with primary consideration for the needs of the company's lead...the same section, and so on.

News pagination. After ads have been placed, news stories are added on a modular basis. Each story has a "**layout** spec" box in which the operator can specify the gutter, number of columns, rules, etc. Stories are then assigned to **pages** manually.

A list of available stories based on length can be accessed.

Pages can be displayed one at a time or in groups of 2...

9/3,K/10 (Item 10 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01434238 SUPPLIER NUMBER: 10800810 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**CompuText. (Company-by-Company Preview) (Computext Inc.) (American
Newspaper Publishers Association Technical Exposition and Conference
1991.)**
Seybold Report on Publishing Systems, v20, n17, p26(1)
May 29, 1991
ISSN: 0736-7260 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 289 LINE COUNT: 00023

TEXT:

...full range of products, headed by the Dateline editorial system running under OS/2 with Presentation Manager. It will be interfaced to CText's editorial **pagination** station, based on Ventura Publisher running under Windows 3.0, which **combines text**, display **ads** and graphics on **pages**. It features interactive **layout** and design tools, formatting routines, space reservations, templates and interaction with a graphics subsystem. New features for the **pagination** program include support for extensive keyboard macros, linking of jumps across **pages**, and support for the use of the Advanced File Management locator template to find and import editorial files.

9/3,K/11 (Item 11 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01434217 SUPPLIER NUMBER: 10814596 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Faster PostScript system solutions: The Archetype and Hyphen approaches.

(Archetype's InterSep utility software) (Product Announcement)

Solimeno, William J.

Seybold Report on Publishing Systems, v20, n17, p3(14)

May 29, 1991

DOCUMENT TYPE: Product Announcement

ISSN: 0736-7260

LANGUAGE:

ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 12142 LINE COUNT: 00947

... solve for native language typesetters? Speed, in part, but that wasn't the only thing. Probably the biggest advantage was the fact that components of **pages** (particularly components composed on different systems, such as editorial **text** and display **ads**) no longer had to be **combined** within the front-end **pagination** system. We don't have enough **pages** in this report to review all the problems associated with early attempts to integrate all **page** elements, coming from different systems supported by different vendors, within a **pagination** front end (especially without standards).

In contrast, to make the typesetter integration approach work, there were only two prerequisites. First, each separate system had to...

9/3,K/12 (Item 12 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01154427 SUPPLIER NUMBER: 00663956 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The Newsroom: A Press Inside Every PC.

Johnston, C.

PC Magazine, v4, n24, p249

Nov. 26, 1985

DOCUMENT TYPE: evaluation

ISSN: 0888-8507

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 318 LINE COUNT: 00024

...ABSTRACT: screen that displays the functions as aspects of newspaper production. A separate disk called Clip Art, contains both an Old English and standard serified font **text**, which can be used to create **banners** and headlines. The **layout** facility allows **text** and art to be **combined** in several preset formats. The documentation is written simplistically, but the software is so easy to understand that the documentation can be ignored. Text and art can be received by means of a modem with the wire service option. The press facility **prints** the completed document. The Newsroom costs \$59.95, with the Cup Art program listing for \$29.95.

9/3,K/13 (Item 1 from file: 621)

DIALOG(R)File 621:Gale Group New Prod. Annou. (R)

(c) 2003 The Gale Group. All rts. reserv.

01034798 Supplier Number: 39986325 (USE FORMAT 7 FOR FULLTEXT)

LETRASET DEMONSTRATES READY,SET,GO! 3 AT APPLE WORLD EXPO

PR Newswire, pN/A

March 2, 1987

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 474

... popularity of desktop publishing. And we expect to see a surge in our sales throughout 1987 as a result."

Ready,Set,Go! 3 provides a **combination** of **text** composition, **word** processing, and **page - layout** functions, for creating **ads**, magazine pages, or other documents. The package's block formatting feature allows users to select from eight pre-set grid settings or create an unlimited...

9/3,K/14 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

03218790 Supplier Number: 46598096 (USE FORMAT 7 FOR FULLTEXT)

DAILY SOUTHTOWN SELECTS DIGITAL AS SYSTEMS INTEGRATOR FOR PREPRESS OPERATIONS

Networks Update, v8, n8, pN/A

August 1, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 387

Digital will **integrate** the **news** and **advertising** operation of the Daily Southtown with its sister **paper**, Star Publications, as the two newspapers consolidate operations into a new building located in southwest suburban Tinley Park, Illinois. The combined operation will have 80 editorial seats, 21 editorial **pagination** seats, and 37 classified seats.

Norm Rosinski, publisher of both papers, has experience working with Digital. "In 1993, Digital integrated the news and advertising operations ...

9/3,K/15 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

03218196 Supplier Number: 46597451 (USE FORMAT 7 FOR FULLTEXT)

NEWSPAPER SELECTS DIGITAL AS SYSTEMS INTEGRATOR

GUI Program News, vL 7, n8, pN/A

August 1, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 387

Digital will **integrate** the **news** and **advertising** operation of the Daily Southtown with its sister **paper**, Star Publications, as the two newspapers consolidate operations into a new building located in southwest suburban Tinley Park, Illinois. The combined operation will have 80 editorial seats, 21 editorial **pagination** seats, and 37 classified seats.

Norm Rosinski, publisher of both papers, has experience working with Digital. "In 1993, Digital integrated the news and advertising operations ...

9/3,K/16 (Item 3 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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03022671 Supplier Number: 46171059 (USE FORMAT 7 FOR FULLTEXT)

MACROMEDIA: Freehand Graphics Studio Version 2.0 and announces special promotional pricing shipping

M2 Presswire, pN/A

Feb 26, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 894

... creator of the titling for the Academy Awards. "In one fully-integrated package, I now have products for image manipulations, type design, 3D modeling and **page layout**. The Studio makes my job easier." The FreeHand Graphics Studio provides a complete, fully integrated solution for creative professionals who want to design vector artwork...

...and more). The 3D logo could then be brought into Macromedia xRes and composited with a high resolution bitmap image. Using FreeHand, the designer could **combine** the logo with formatted **text** and **incorporate** it into a **layout** for a brochure, **advertisement** or other promotional

piece.

About the FreeHand Graphics Studio Software Macromedia FreeHand is the most powerful and easiest-to-use software for design and illustration...

9/3,K/17 (Item 4 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

02926378 Supplier Number: 45952822 (USE FORMAT 7 FOR FULLTEXT)

CD-NET AND CD-ONLINE ANNOUNCE PRODUCTS INCORPORATING CD-ROM TECHNOLOGY WITH THE WEB

Computergram International, n2797, pN/A

Nov 21, 1995

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 388

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...with Internet consultancy pow Communications, to offer a CD-ROM-based system that combines video, pictures and sounds held on the disk with on-line **page layout** and text presentation. Meanwhile CD-Online, a wholly-own subsidiary of Philips Electronics NV is intent on turning the CD-i-player into an Internet browser. Part of this effort involves persuading **advertisers** and other **information** providers to build applications that **combine** CD-i-based visuals with data held on CD-Online's Web site. Both operations are commissioning custom Web browsers that will ship on the...

9/3,K/18 (Item 5 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

02308980 Supplier Number: 44481649 (USE FORMAT 7 FOR FULLTEXT)

KNIGHT-RIDDER FORMING VIDEO NEWS COMPANY

Worldwide Videotex Update, v13, n3, pN/A

March, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 564

... have its own staff, housed at WPHL. Working through liaisons with the Inquirer newsroom, the video staff will put together a broadcast that follows the **layout** of the next morning's **paper**. The broadcast will on occasion include substantial segments based on the Inquirer's award-winning investigative journalism.

"We live in a multi-media age," Robert...

9/3,K/19 (Item 6 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

01337152 Supplier Number: 41584931 (USE FORMAT 7 FOR FULLTEXT)

MULTIMEDIA COMMUNICATIONS SYSTEM DESIGNED FOR UNIX WORKSTATIONS

UNIX Update, v1, n10, pN/A

Oct, 1990

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 298

... for report preparation, consultation review and surgical planning. It can also be used to support an attending physician's rounds. According to McGarty, the system **integrates** similar capabilities for **printing**, publishing and **advertising** professionals. It can **integrate text** and high-resolution graphics for composition, editing and **layout**.

McGarty said that Sun's support of FDDI networking technology allows efficient transmission of large, high-resolution images from a variety of computers, medical instruments...

9/3,K/20 (Item 7 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01316166 Supplier Number: 41523033 (USE FORMAT 7 FOR FULLTEXT)
NYNEX HARNESSES THE SPARCSTATION IPC FOR MULTIMEDIA COMMUNICATIONS SYSTEM
Computer Protocols, v3, n9, pN/A
Sept, 1990
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 325

... for report preparation, consultation review and surgical planning. It can also be used to support an attending physician's rounds. According to McGarty, the system **integrates** similar capabilities for **printing**, publishing and **advertising** professionals. It can **integrate text** and high-resolution graphics for composition, editing and **layout**.

McGarty said that Sun's support of FDDI networking technology allows efficient transmission of large, high-resolution images from a variety of computers, medical instruments...

9/3,K/21 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

01891670 Supplier Number: 42404980 (USE FORMAT 7 FOR FULLTEXT)
Installations: AFTER AN 18-MONTH
NewsInc, v0, n0, p58
Oct, 1991
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 117

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
AFTER AN 18-MONTH product search, the St. Petersburg Times has taken a step toward **pagination** with an advanced display ad makeup system from **Information International Inc.** "We needed a **combination** of quality and fast imagesetting, for both Postscript and triple-I's **pagination** language," says Bill Usher, composing manager at the Times. The system features three-color Ad Makeup Stations based on RISC technology that offer full graphics. The stations support template **layout** aids and high-resolution pixel editing. The **paper** has also ordered a triple-I, Unix-based Image Network Processor for graphics database management, file service, and data protection. "Electronic **pagination** of the entire newspaper is the Times's goal," says Usher. The systems should be on-line at the Times this fall.

9/3,K/22 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

01339244 Supplier Number: 41580950 (USE FORMAT 7 FOR FULLTEXT)
DESKTOP
NewsInc, v0, n0, p19
Oct, 1990
Language: English Record Type: Fulltext Abstract
Document Type: Magazine/Journal; Trade
Word Count: 3379

ABSTRACT:

...20 color separations a day on the Mac, as well as doing the type and graphics for its Sunday magazine. Since labor contracts prevent any **text pagination**, and its joint operating agreement prevents the **paper's advertising** department from plugging into any edit systems, editorial image processing is really the one area open to desktop innovation - and that's only because the...

... 20 color separations a day on the Mac, as well as doing the type and graphics for its Sunday magazine. Since labor contracts prevent any **text pagination**, and its joint operating agreement prevents the **paper's advertising** department from plugging into any edit systems, editorial image processing is really the one area open to desktop innovation - and that's only because the...

9/3,K/23 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

02289622

FIRST PHASE OF INTEGRATED NEWS PUBLISHING SYSTEM UNDERWAY AT BALTIMORE SUN
News Release June 10, 1989 p. 1

...behind the integrated news publishing system it is installing at The Baltimore Sun. Under a contract recently signed by the two companies, Crosfield has begun **integrating** The Sun's **advertising** and **news** editing and **layout** functions. Earlier this year, The Baltimore Sun announced that it had selected Crosfield to electronically integrate its display and classified advertising, editorial, **layout** and color operations, including an electronic communications link to a remote **printing** plant. ...

9/3,K/24 (Item 2 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

01862394

Newspapers to buy pagination system
Florida Times Union (Jacksonville, FL) January 30, 1988 p. A;23
ISSN: 0740-2325

Florida Publishing will buy a \$3 mil **pagination** system from Information Intl (Culver City, CA) to electronically compose The Florida Times-Union and Jacksonville Journal by late 1989. The **pagination** systems will make the newspapers produced entirely by computer. The newspapers will be handled manually only after **pages** are completely laid out and ready to be **printed**. The text is currently produced with one personal computer-based editorial system and manually **merged** with photos, artwork and **advertisements**. Information Intl is the exclusive marketer of the editorial production system developed by Morris Communications (Augusta, GA), the parent of Florida Publishing. The **pagination** system will not effect readers. It will just make newspaper production more efficient. ...

9/3,K/25 (Item 3 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

01597942

LETRASET DEMONSTRATES READY, SET, GO! 3 AT APPLE WORLD EXPO.
NEWS RELEASE March 2, 1987 p. 1

... computers provide desktop publishers with faster operating speeds, the ability to create significantly larger documents, and enhanced graphic effects. Ready, Set, Go. 3 provides a **combination** of **text** composition, **word** processing, and **page** - **layout** functions, for creating **ads**, magazine **pages**, or other documents. The package's block formatting

feature allows users to select from eight pre-set grid settings or create an unlimited number of customized grid settings. The program permits graphics or text to be easily positioned anywhere on the page .

9/3,K/26 (Item 4 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

01010284

ATEX INTRODUCES 'TOTAL' CONCEPT FOR INTEGRATED PUBLISHING SYSTEMS.

News Release (for further information apply to company indexed) March 5,
1984 p. 1-41

Atex will introduce Total Publishing Environment (TPE) concepts for integrated publishing systems by 1986. The Atex TPE will **paginate** full editions for multiple products in multiple zones and editions while giving all departments important, timely information about the various pieces of the publication. Many of the pieces for the TPE are already in place and include the Atex Editorial System, the Atex **News Layout** System, the Atex Classified **Pagination** System, and the Atex **Integrated Advertising** System. Other pieces needed are also being assembled. The new pieces to the TPE involve cooperative agreements with other vendors. A key agreement with Camex is to develop interfaces with the Camex Breeze display ad terminal and the Camex SuperSetter for full- **page** output. Each department contributing to the publication of material has the need to be 'on-line' to input and process materials, or check the status of pieces on any **page** . Before a **page** or an edition can be **paginated** and output, each piece on each **page** has to be finished by the various departments and with many similar functions performed by each of the different departments, it makes sense to have...

9/3,K/27 (Item 5 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

00565373

A fully integrated, computerized pagination system without graphics will be installed at Westchester Rockland Newspapers, members of the Gannett Group.

Editor & Publisher June 7, 1980 p. 32,381

The interactive **page layout** system, known as PagePro, has been under development since 1978 by Hendrix Electronics and its new subsidiary HASTECH, INC. AR Ahlstrom, VP/director of production at WRN, said reduction of composition staff will justify costs even though the system will **add advertising text** production. Other cost-cutting factors include increased paste-up savings, a savings of 30% of present photocomp materials and savings in the future when the...

... which is comprised of a combination of a state-of-the-art editing terminal and a low-cost interactive graphic video display terminal with a **page layout** keyboard, will process about 2000 **pages** /wk. PagePro will run concurrently with an advanced version of the HS40 operating system using PDP-11/34 or PDP-11/44 computers. The maximum configuration of the **page** controllers is 16 CRT devices and a maximum of CRTs may be devoted to **page layout** workstations. The working operation is described in detail.

9/3,K/28 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

07990663 SUPPLIER NUMBER: 17196618 (USE FORMAT 7 OR 9 FOR FULL TEXT)
European systems paginate U.S. newspapers. (Linotype-Hell Co.'s, CCI Europe's, Dansk Data Elektronik A/S's publishing systems software)

Rosenberg, Jim
Editor & Publisher, v128, n25, p18(11)
June 24, 1995
ISSN: 0013-094X LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 7594 LINE COUNT: 00603

... move, and PNI expects to have a new front-end system not long after the move.

PNI moved early into pagination using its proprietary System **Integrators** Inc. System/55 front-end and **Information** International Inc. **Page** and **Ad** Makeup Systems terminals. By the late 1980s, all **pages**, with all elements in place, were output to film, eventually outputting to remote recorders at the two production sites.

The company is now moving swiftly...

9/3,K/29 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

07308321 SUPPLIER NUMBER: 15621954 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Resuscitating the New York Daily News. (Daily News L.P.)
Rosenberg, Jim
Editor & Publisher, v127, n26, p13(9)
June 25, 1994
ISSN: 0013-094X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 5490 LINE COUNT: 00428

... good job handling the multiple-edition complexity of zoning and subzoning.

Run on 32 workstations, EdPage is being integrated with Atex Image Services and Full **Page** Output software for assembly of graphics, **ads**, **text** and rules and their **combined** output to an imagesetter.

Ad stacks will be created in Software Consulting Services' Layout 8000. Images to be used, as view files for placement and full-resolution files for output...

9/3,K/30 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

07291947 SUPPLIER NUMBER: 15500128 (USE FORMAT 7 OR 9 FOR FULL TEXT)
HARRIS PUBLISHING SYSTEMS TO PROVIDE PUBLISHING SYSTEM VALUED AT MORE THAN \$1 MILLION TO NEW YORK POST
PR Newswire, p0624FL003
June 24, 1994
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 355 LINE COUNT: 00031

... in an economy that is continually challenging."

Harris Publishing Systems, headquartered in Melbourne, Florida has comprehensive background in advanced electronic systems for the publishing and **printing** industry with over 1,300 installations in 20 countries. Its Extended Publishing Family of Products for the 21st Century (XP-21), has an open systems architecture that permits **integration** of editorial functions, classified and display **advertising**, **news** and classified **pagination**, photo enhancement, and graphics management capabilities, into comprehensive publishing solutions.

Harris Corporation, with worldwide sales of more than \$3 billion, is focused on four major...

9/3,K/31 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

07272747 SUPPLIER NUMBER: 15407514 (USE FORMAT 7 OR 9 FOR FULL TEXT)

HARRIS AND VU/TEXT FORM ALLIANCE TO DEVELOP NEW MEDIA PRODUCTS

PR Newswire, p0602FL017

June 2, 1994

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 490 LINE COUNT: 00044

... for newspapers of all sizes.

Harris Publishing Systems Corporation, headquartered in Melbourne, Florida, has a comprehensive background in advanced electronic systems for the publishing and **printing** industry with over 300 installations in 20 countries. Its Extended Publishing Family of Products for the 21st Century (XP-21) has an open system architecture that permits **integration** of editorial functions, classified and display **advertising**, **news** and classified **pagination**, photo input, photo enhancement, and graphics management capabilities, into comprehensive publishing solutions.

Harris Corporation, with worldwide sales of more than \$3 billion, is focused on...

9/3,K/32 (Item 5 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

07213186 SUPPLIER NUMBER: 14956196 (USE FORMAT 7 OR 9 FOR FULL TEXT)

HARRIS ACQUIRES ELECTRONIC PUBLISHING-SYSTEMS COMPANY

PR Newswire, p0331FL004

March 31, 1994

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 427 LINE COUNT: 00038

... the publishing needs of our rapidly expanding customer base."

Harris Publishing Systems Corporation has an extensive background in advanced electronic systems for the publishing and **printing** industry, with installations in 20 countries. Its Extended Publishing Family of Products for the 21st Century (XP-21) has an open system architecture that permits **integration** of editorial functions, classified and display **advertising**, **news** and classified **pagination**, photo input, photo enhancement, and graphics management capabilities into comprehensive publishing solutions.

Harris Corporation, with worldwide sales of more than \$3 billion, is focused on...

9/3,K/33 (Item 6 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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05877292 SUPPLIER NUMBER: 12142207 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Atex update.

Editor & Publisher, v125, n12, p41(2)

March 21, 1992

ISSN: 0013-094X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 585 LINE COUNT: 00049

... the biggest being a \$1 million order from Star Publications, Kuala Lumpur, for Atex Integrated Advertising System. classified pagination, Architect ad dummmying, and PC News **Layout** software. The Malaysian **paper**'s purchase included an Atex Enhanced System Performance memory and management upgrade for its current Atex editorial and ad systems. It installed Atex Storage Pedestals...

9/3,K/34 (Item 7 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

05869718 SUPPLIER NUMBER: 12232511 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Desktop Publishing by Design, Ventura Publisher Edition. (book reviews)

.
Bixby, Robert
Compute, v14, n5, p124(1)
June, 1992
DOCUMENT TYPE: review ISSN: 0194-357X LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 586 LINE COUNT: 00044

... else is missing, too. I love to read Ad Week's sister publication, Marketing Week, because it takes a critical look at real advertising (in **print** and on television). I have learned much from its discussion of unsuccessful **ads** (poor **integration** of graphics with **text** is the most common failing, with illegible or unreadable text following close behind). I wish the authors of this book had brought in a section--even a brief one--on **layouts** that don't work and **layouts** that almost work. I would have enjoyed watching a makeover in progress. After all, if you're a beginning designer, you'll most often find yourself fixing up your own mistakes, trying to get disparate parts of **layouts** to work (or at least live) together. A section on makeovers would have been more useful than yet another introduction to Ventura Publisher.

All this...

9/3,K/35 (Item 8 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05452343 SUPPLIER NUMBER: 11098598 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Publishing systems shown at ANPA/TEC. (survey of products shown at American Newspaper Publishers Association's technical conference in Las Vegas, Nevada)

Rosenberg, Jim
Editor & Publisher, v124, n29, p26(5)
July 20, 1991
ISSN: 0013-094X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 4634 LINE COUNT: 00367

... s integrated content management system (ICMS), which provides all necessary information, updated live, to all system users.

Atex also has linked PS/2-based News **Layout** and RS6000-based Architect software so that the former can receive **page** dummies from the latter. The interface completed beta tests at the Norfolk, Va., dailies earlier this year. Architect places **ads** according to size and positioning **information** received from the Atex **Integrated Advertising System**.

The company also showed and is test-marketing a color system, to be used as stand-alone equipment or integrated within the overall pagination ...and ads, text, photos and graphics, color and black-and-white (the system is to run off-the-shelf software as well) -- leading to full **pagination** with managed and tracked elements, from zones and sections down to **pages** and **page** components.

Camex reported the addition of new features for Whirlwind's classified, and progress on editorial, announcing Houston's output of its first editorial page...

9/3,K/36 (Item 9 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

03870180 SUPPLIER NUMBER: 07146786 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Information International unveils ad manager package for total ad production management.

PR Newswire, 0331LA007
March 31, 1989
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 793 LINE COUNT: 00066

... pagination, Ad-Stack Monitor automatically associates completed news pages with the ads intended for those pages and schedules pages for

full-page recording. If desired, Ad -Stack Monitor may generate an ad stack for manual merging with news copy.

When electronic layout is complete, Ad -Stack Monitor ensures that an ad jacket exists within the ad makeup system, verifies that the size of the ad matches the space allocated in the dummy, and determines whether the ad is ready for print .

Ad-Stack Monitor generates on-screen or printed reports by individual page, section or complete product. The program has been proven in production by triple...

9/3,K/37 (Item 10 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

03700727 SUPPLIER NUMBER: 06669336 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Where-to-buy directory: 1988. (metalcasting industry - suppliers and products)

Foundry Management & Technology, v116, n9, p121(178)
Sept, 1988

ISSN: 0360-8999 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 234637 LINE COUNT: 20046

... Steel Co., Twinsburg, OH Consolidated Aluminum, St. Louis, MO
Dependable Foundry Supply, Inc., 5116 N.E. Parkway,
Fort Worth, TX 76106, 817-625-0285--See ad in
Product Directory Electralloy Corp., Oil City, PA Falconbridge Ltd.,
Toronto, ONT, Canada Federated Steel Corp., Solon, OH Greenville Metals,
Rd. 2 Box 93, Transfer...Lukens Co., 212 S. Oak
St., Durand, MI 48429, 517-288-3121;
800-248-3821--See ads in Product Directory--See
Advertisers Index for ad page number L.O. Smith Inc., P.O. Box
3996, Slinger, WI 53086,
414-644-6908--See ad in Product Directoy St. Louis Conveyor Co., Inc
...

9/3,K/38 (Item 11 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

02511199 SUPPLIER NUMBER: 04015164 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Newspaper Agency Corp. purchases pagination system from Information International.

PR Newswire, LA4
Nov 7, 1985

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 428 LINE COUNT: 00034

The \$3.37 million contract will provide for electronic make-up of display advertising integrated with full- page pagination of text and all graphics, including line art, logos and half-tones for both the Tribune and the Deseret News.

The two Salt Lake City newspapers share...

9/3,K/39 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01560885 02-11874

Scan it

George, Diana; Matteson, Amy; Hayden, Julia
Office Systems v14n12 PP: 53-55 Dec 1997
ISSN: 8750-3441 JRNL CODE: OFS
WORD COUNT: 1879

...TEXT: budget can use a scanner to its advantage when it comes to

creating compelling advertising and marketing materials. With a scanner, you can import existing **hard - copy** designs, artwork and photography. Desktop software applications give you the capability to do **page layout** -basically electronic typesetting-which **combines text** , photos and graphics to create visually compelling **advertisements** , dynamic direct-mail pieces, product brochures and newsletters that communicate your message and image to customers. This will provide your business with a consistent corporate...

9/3,K/40 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01407525 00058512

Software for dummies

Burden, Dorian

Folio: The Magazine for Magazine Management v26n6 PP: 32-33+ Apr 15, 1997

ISSN: 0046-4333 JRNL CODE: FOL

WORD COUNT: 1466

...TEXT: keep tabs on the costs of an issue as it's being produced. The most sophisticated of these programs can help you communicate with your **printer** about your magazine's imposition, **print** order and bindery specs, and facilitate the computerto-plate (CTP) process through electronic data interchange (EDI). To err is human-and expensive The most obvious...

...error. PC World's senior production manager Nadia Maudsley doesn't worry about losing an ad or placing one incorrectly since she started using Ad **Layout** System for Magazines (ALS) from Managing Editor Inc. about four years ago. To create a map, she downloads information from her own ad-booking database into ALS. The program can automatically position ads and editorial, blow-ins and inserts in the magazine in the most ideal locations based on detailed **information** provided. To position **ads** , ALS **incorporates** such variables as **ad** size, shape and color, position requested, and even type of product being advertised. The program identifies conflicts, such as lack of space for an ad...

9/3,K/41 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01245015 98-94410

Corel's Web.Designer a winner

Vegvari, Ted

Computerworld v30n28 PP: 64 Jul 8, 1996

ISSN: 0010-4841 JRNL CODE: COW

WORD COUNT: 750

...TEXT: the links were clearly and logically built. That allowed us to make changes quickly and easily.

Creating a test page

In creating a new Web **page** , we began with **text** from an **advertisement** , **added** eight scanned pictures and a logo and created a **layout** .

We then inserted several sections of text information within tables.

The Table setup menu has features we use in most of our Web pages. We...

9/3,K/42 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01183285 98-32680

Publishing systems sales

Rosenberg, Jim

Editor & Publisher v129n11 PP: 24-25+ Mar 16, 1996

ISSN: 0013-094X JRNL CODE: EDP

WORD COUNT: 1475

...TEXT: s Jerusalem Post (ClassManager/Plus with DisplayManager, AdForce); European Stars & Stripes, Grieshem, Germany, (ClassManager/Plus with DisplayManager, display accounts receivable, AdForce, ProductionManager); Mohave Valley Daily News, Bullhead City, Ariz., (ClassManagerPro, ClassManager Remote Receivables, Remote Merge, Page Director Ad Layout System); North Knox Newspapers, Bicknell, Ind., (ClassManagerPro, CirculationPro); Black Hills Pioneer, Spearfish, S.D.; Tooele (Utah) Transcript-Bulletin; Danville, Ky., Advocate-Messenger and Henderson (N.C.) Daily Dispatch (ClassManagerPro). Also, the Frederick (Md.) News-Post installed DisplayManager with accounts receivable and Page DirectorALS.

CirculationPro systems, including Subscription Handler, Distribution Handler and Preprint Handler and Circulation Data Transfer at Forsyth County (Ga.) News; Winder (Ga.) News; Western Producer...

9/3,K/43 (Item 5 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

00521406 90-47163

In Search of the Electronic Dummy

Rigopulos, Kristine

Folio: The Magazine for Magazine Management v19n11 PP: 117-120 Nov 1, 1990

ISSN: 0046-4333 JRNL CODE: FOL

ABSTRACT: Electronic dummyming systems, with their preprogrammed intelligence and automated flags, allow publishers to respond quickly to many variables in advertising and editorial placement. Ideally, they also integrate printer information, allowing automatic pagination that incorporates press demands. Three software packages take varied approaches. MasterPlanner from The Media Services Group is currently in use at Business Week and is being installed at Chicago magazine. It can automatically lay out the magazine based on parameters indicated for each advertisement. Page Director is a publication management and layout system from Managing Editor Software that tracks both advertising and editorial information and makes the data available to create dummies. Ad Director, a spinoff expected...

... automatically place ads. MagMaster from Policy Development Corp. is in use at San Diego magazine, Palm Springs Life, and New Woman. It does not automatically lay out pages; ads and editorial are placed by selecting page number, then choosing the size of the ad or editorial block to be placed.

9/3,K/44 (Item 6 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00052613 77-04953

NEWSPAPER TRENDS - ADVERTISING, EDITORIAL

PUBLISHERS' AUXILIARY V112 N4 PP: 15 MAR. 10, 1977

ISSN: 0048-5942 JRNL CODE: AUX

ABSTRACT: ALVIN HAMPEL OF BENTON & BOWLES OFFERS SOME TIPS FOR AD LAYOUTS. THEY INCLUDE - 1. BEGIN WITH A HEADLINE. 2. TRY TO GET THE PRODUCT NAME IN THE HEADLINE. 3. THE MORE YOU TELL, THE MORE YOU...

... SELL. 4. BREAK UP THE COPY BODY WITH SUBHEADS. 5. THE BEST AD COPY IS

WRITTEN IN COLLOQUIAL LANGUAGE. 6. TESTIMONIALS ARE USUALLY EFFECTIVE IN
PRINT . 7. USE ILLUSTRATIONS TO SHOW PRODUCT USE. SUBSCRIBERS OF THE
NORFOLK, VA., LEDGER STAR AND VIRGINIAN PILOT GAVE THE PAPERS SUGGESTIONS
ON THEIR FOOD COLUMNS. THE PAPERS RESPONDED BY **COMBINING** INTO ONE
SECTION ALL FOOD AND COOKING **NEWS** AND **ADS** THAT HAD PREVIOUSLY APPEARED
RUN OF THE PRESS. RESPONSE WAS FAVORABLE. THE U.S. COMMERCE DEPARTMENT'S
METRIC STYLE GUIDE FOR THE MEDIA HAS GONE INTO ITS SECOND **PRINTING** . THE
GUIDE IS FREE AND RESPONSE HAS BEEN TREMENDOUS.

9/3,K/45 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2003 CMP Media, LLC. All rts. reserv.

00650683 CMP ACCESSION NUMBER: CRN19891016S2648

Next gains business graphics from Media Logic

HEATHER CLANCY

COMPUTER RESELLER NEWS, 1989, n 337, 100

PUBLICATION DATE: 891016

JOURNAL CODE: CRN LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: SOF

WORD COUNT: 387

... TopDraw is a unique package of software tools for creating items
such as diagrams, charts, graphics, forms and labels.

The package can also help designers **lay out pages** for
brochures, letters or **advertisements**, and **integrates** graphics, **text**
and raster images.

TopDraw is designed to function as a stand-alone graphics system or
to work in conjunction with another document-processing application.

TopDraw...

9/3,K/46 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1222345 NEW002

**Harris Publishing Systems Corporation Licenses Inso Corp.'s Quest Internet
Classifieds System (QUIC)**

DATE: February 4, 1998 08:29 EST WORD COUNT: 787

... Harris Publishing Systems Corporation, a division of Harris Corporation
headquartered in Melbourne, Florida, has a comprehensive background in
advanced electronic systems for the publishing and **printing** industry with
over 300 installations in 20 countries. Its Extended Publishing Family of
Products for the 21st Century (XP-21) has an open system architecture that
permits **integration** of editorial, classified and display **advertising**,
news and classified **pagination**, photo input, photo enhancement, and
graphics management capabilities, into comprehensive publishing solutions.
Harris Corporation is an international communications and electronics
company with worldwide sales of...

11/3,K/1 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

01465742 SUPPLIER NUMBER: 11644064 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Du Pont Printing and Publishing. (Morning News Tribune of Tacoma, WA, purchases Du Pont's Whirlwind Display Ad System turnkey system) (Brief Article)

Seybold Report on Publishing Systems, v21, n7, p35(1)

Dec 6, 1991

DOCUMENT TYPE: Brief Article ISSN: 0736-7260 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 106 LINE COUNT: 00008

TEXT:

The Tacoma (WA) Morning News Tribune has purchased a complete Whirlwind Display Ad System (Breeze) from Du Pont Printing and Publishing. The system includes terminals, database and imagesetters with a total value of \$1.15 million. The Tacoma newspaper, a 134,000-circulation daily that runs color extensively, will begin...

11/3,K/2 (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

01461467 SUPPLIER NUMBER: 11555118 (USE FORMAT 7 OR 9 FOR FULL TEXT)

IFRA 1991: helping to define a new playing field. (review of Inca-Fiej

Research Association's newspaper publishing industry trade show)

Joner, Urban; Solimeno, William; Tribute, Andrew

Seybold Report on Publishing Systems, v21, n6, p3(33)

Nov 20, 1991

ISSN: 0736-7260 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 27303 LINE COUNT: 02104

... the total price for the insertion. If he wants to, he can change the ad style during input to get a better presentation of the text or a better price.

When the text input is finished, the customer stores the ad with one of the buttons on the keypad. At the same time, the terminal prints out a receipt, with the ad, the insertion date and the amount charged on the credit card or bank account. The ad is stored in the terminal, which regularly is connected...

11/3,K/3 (Item 1 from file: 621)

DIALOG(R)File 621:Gale Group New Prod. Annou. (R)

(c) 2003 The Gale Group. All rts. reserv.

01684958 Supplier Number: 50210534 (USE FORMAT 7 FOR FULLTEXT)

KPMG Launches Breakthrough Identity Campaign; 'Clarity' Theme is Platform for Unified Global Branding

PR Newswire, p0729NYW057

July 29, 1998

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Newswire; Trade

Word Count: 984

... print ads are visually distinct, and the direct, clear copy is sometimes humorous and pointed, but always memorable," Pearson added. The national media plan includes news, sports and cultural programming for the broadcast spots; national business and consumer publications for the print ads; and terminal advertising at key international airports. The ads will also bear a modified KPMG logo since the U.S. firm expects to adopt the shortened KPMG name by the end of this year...

11/3,K/4 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01273448 Supplier Number: 41391765 (USE FORMAT 7 FOR FULLTEXT)
NIXDORF COMPUTER ADDS THREE MODELS TO ITS CSC CUSTOMER TERMINALS FAMILY
Computergram International, n1448, pN/A
June 18, 1990
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 116

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...a variety of applications can be developed under MS-DOS using Lynx, Creator, and Frame, Nixdorf's CSC software development tools; the M10 is an **information** and transaction **terminal** containing an integrated statement or passbook **printer** to provide account statements and cheques; the M13 and M14 **terminals** have video disks for sales support or **advertising**; all three 80286-based machines have 2Mb of main memory, a 50Mb fixed disk, and a 3.5" floppy drive; the identification unit reads and...

11/3,K/5 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

01242877

Motourist first with commercial public access at gas stations.
VIDEOPRINT August 8, 1985 p. 11,12

... 76 Auto/Truck Stops and has signed agreements with Howard Johnson's and Burger King to put terminals in their highway restaurants. The system provides **information** on restaurants and lodging, campsites, resorts, emergency road services and shopping and is entirely **advertiser** supported. The **terminals** include **printers** that can **print** directions and coupons and tamper-resistant, infrared touch screens. The company hopes its low **ad** rates will make it competitive in attracting **information** providers.
...

11/3,K/6 (Item 2 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

01203632

A new computer-to-plate test.
EDITOR & PUBLISHER May 18, 1985 p. 24-26

The Morristown, New Jersey, Daily Record plans to assemble full pages, including **news**, **ads** and full color graphics, on computer **terminals** and convert them directly into **printing** plates using a computer-driven laser. The pagination and computer-to-plate technologie, will all but eliminate the composition by hand of page mechanicals, which...

11/3,K/7 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

15653841 SUPPLIER NUMBER: 99292478 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Woolworths rings in mobile tills. (News). (Brief Article)
In-Store Marketing, 7(1)
March, 2003
DOCUMENT TYPE: Brief Article ISSN: 1366-5448 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 116 LINE COUNT: 00012

... peak trading periods," says the company's programme manager Nicola Pritchard.

Sales staff can also use the devices to look up stock, product, price and **promotional** information.

Extech is producing the **printing** hardware, Nordic ID designed the hand-held **terminal** and Episys developed the user interface.

11/3,K/8 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

06230988 SUPPLIER NUMBER: 13602685 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Looking back to the future. (pulp and paper industry)
Lof, Bernt
Paper, v217, n12, p39(2)
Dec, 1992
ISSN: 0306-8234 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2077 LINE COUNT: 00159

... signs of the return of the legend of the paperless office. The legend could become fact.

A research document published in October 2002 suggests the **terminal** decline of the **printed word**. Popular access to **advertising**, daily **news** and literature seems to be confined increasingly to pollution free video and audio channels.

PAPER REPLACED

So today we should ask ourselves if the printed...

11/3,K/9 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

04794226 SUPPLIER NUMBER: 09275287 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Customized information: "No, I don't want 'all the news that's fit to print.'" (includes related information on Dialog Alert service) (column)
Hawkins, Donald T.
Online, v14, n5, p117(4)
Sept, 1990
DOCUMENT TYPE: column ISSN: 0146-5422 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 2358 LINE COUNT: 00200

... continuing to service it.

BELCORE CUSTOMIZED INFORMATION DELIVERY SYSTEM

On April 25, 1990, Bell Communications Research (BELLCORE) issued a press release describing an experimental Customized **Information** Delivery (CID) system that is claimed to deliver a personalized selection of articles and **advertisements** in **printed**, audio, or visual forms. The system requires a high quality color display **terminal** to accommodate the graphical material. According to the press release, BELLCORE's motivation for developing CID was the "...possibility that the enormous delivery capability of...

11/3,K/10 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

04599458 SUPPLIER NUMBER: 08559606 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Minigrams.
Computergram International, n1448, CGI06180021
June 18, 1990
ISSN: 0268-716X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1833 LINE COUNT: 00150

... a variety of applications can be developed under MS-DOS using Lynx, Creator, and Frame, Nixdorf's CSC software development tools; the M10 is an **information** and transaction **terminal** containing an integrated statement or passbook **printer** to provide account statements and cheques; the M13 and M14 **terminals** have video disks for sales support or **advertising**; all three 80286-based machines have 2Mb of main memory, a 50Mb fixed disk, and a 3.5" floppy drive; the identification unit reads and...

11/3,K/11 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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03870180 SUPPLIER NUMBER: 07146786 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Information International unveils ad manager package for total ad production management.
PR Newswire, 0331LA007
March 31, 1989
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 793 LINE COUNT: 00066

... analyzes the ad makeup process, continuously collecting data on workstation functions in a manner transparent to the terminal operator.

Ad Auditor compiles this data, providing **information** on the makeup of an ad, the components within the ad, the process by which the **ad** was built, and resource usage patterns.

The program generates detailed on-screen and **printed** reports on **ad** production by operator and/or workgroup, **ad** production by **terminal**, activity by individual **ad** and by individual operator, and systemwide AMS/2 activity. All reports may be produced for a specified period in one-hour increments. Reports may be...

11/3,K/12 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00629642 92-44582
Multimedia Technology, Banks and Their Customers
Bell, K. R.; Scobie, G. E. W.
International Journal of Bank Marketing v10n2 PP: 3-9 1992
ISSN: 0265-2323 JRNL CODE: IJB
WORD COUNT: 4217

...TEXT: and marketing. In a sense this arises from a conviction that the financial service, e.g. mortgage, insurance, and home loan will "sell themselves".

The **promotional** material designed to **advertise** the case-study **terminal** can be summarized as follows: an external **advertising** window which contained a mixture of **printed** material; an **information** leaflet which displayed a graphical representation of the **terminal** and referred to the touch-sensitive screen facility; complementary posters which were identical to the hand-held literature; and on the top surface of the...

11/3,K/13 (Item 1 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters
(c) 2003 The Dialog Corp. All rts. reserv.

00683671
mmWire News Briefs-Take-Two, Sega, Disk/Trend, JAKKS, EBWorld.com, Diamond, Square, Activision, BradyGAMES, Nintendo, Take-Two, Acclaim, MSN
mmWire
July 29, 1999 VOL: 6 ISSUE: 145 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: PHILLIPS BUSINESS INFORMATION
LANGUAGE: ENGLISH WORD COUNT: 894 RECORD TYPE: FULLTEXT

TEXT:

...TTWO] today ships flight-sim Fly! for PC and Mac, published by Gathering of Developers (GOD). The title will be marketed through an online and **print ad** campaign aimed at flight enthusiasts, hardcore and mass market gamers, the company says.

Terminal Reality developed the title. In related **news**, Take-Two yesterday shipped another GOD game, Darkstone, for PC. Delphine Software International developed the title. Additionally, Take-Two subsidiary TalonSoft this week shipped Hidden...

File 8: Ei Compendex(R) 1970-2003/Aug W1
(c) 2003 Elsevier Eng. Info. Inc.
File 35: Dissertation Abs Online 1861-2003/Jul
(c) 2003 ProQuest Info&Learning
File 202: Info. Sci. & Tech. Abs. 1966-2003/Jul 31
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File 2: INSPEC 1969-2003/Aug W1
(c) 2003 Institution of Electrical Engineers
File 233: Internet & Personal Comp. Abs. 1981-2003/Jul
(c) 2003, EBSCO Pub.
File 94: JICST-EPlus 1985-2003/Aug W1
(c) 2003 Japan Science and Tech Corp(JST)
File 603: Newspaper Abstracts 1984-1988
(c) 2001 ProQuest Info&Learning
File 483: Newspaper Abs Daily 1986-2003/Aug 13
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File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 34: SciSearch(R) Cited Ref Sci 1990-2003/Aug W2
(c) 2003 Inst for Sci Info
File 99: Wilson Appl. Sci & Tech Abs 1983-2003/Jul
(c) 2003 The HW Wilson Co.
File 583: Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 266: FEDRIP 2003/Jun
Comp & dist by NTIS, Intl Copyright All Rights Res
File 95: TEME-Technology & Management 1989-2003/Jul W4
(c) 2003 FIZ TECHNIK
File 438: Library Lit. & Info. Science 1984-2003/Jul
(c) 2003 The HW Wilson Co

Set	Items	Description
S1	4715277	PAGE OR PAGES OR PAPER OR PRINT??? OR HARD()COPY
S2	481515	AD OR ADS OR ADVERTIS??? OR ADVERTISEMENT? ? OR BANNER? ? - OR PROMOTIONAL
S3	5381751	TEXT??? OR WORD? ? OR STORY OR STORIES OR NEWS OR INFORMAT- ION
S4	483	S2(5N)S3(5N) (MERG??? OR COMBIN? OR JOIN??? OR MESH??? OR B- LEND??? OR UNITE? ? OR UNITING OR MARRY??? OR MARRIE? ? OR IN- TEGRAT? OR INCORPORAT? OR ADD OR ADDS OR ADDING OR ADDED OR I- NSERT???)
S5	146019	LAYOUT? ? OR LAY???()OUT OR PAGINAT?
S6	106	S1 AND S4
S7	89	RD (unique items)
S8	58	S7 NOT PY=2000:2003
S9	2	S8 AND S5
S10	58	S8:S9

10/5/27 (Item 7 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003, EBSCO Pub. All rts. reserv.

00218643 90AN06-014

News Station

Plotkin, David

Antic: The Atari Resource , June 1, 1990 , v9 n2 p35, 1 Pages

ISSN: 0745-2527

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: Atari

Geographic Location: United States

Presents a favorable review of News Station (\$29.95) and News Station Companion (\$29.95), desktop publishing software from Reeve Software of Warrenville, IL (312). Runs on the Atari. Says eight panels make up the **page** which are saved separately, but you can combine all eight files into one smaller file for **printing**. Uses either text or graphics mode. Text can be typed in or loaded from an ASCII file with disk. Comes with five built-in fonts, and can use any standard font, in eight widths and heights. The **News Station Companion adds banners** capability and it can load a large **text** file and automatically break it down into eight panels. Continues text on other **pages**, if the file is longer than a **page**. (v1)

Descriptors: Desktop Publishing; Software Review; Newspapers; Newsletters

Identifiers: News Station; News Station Companion; Reeve Software

10/5/30 (Item 2 from file: 483)

DIALOG(R)File 483:Newspaper Abs Daily
(c) 2003 ProQuest Info&Learning. All rts. reserv.

05591527

These Ads' Missing Element? Solid Gold Timing

McKay, Peter A

Wall Street Journal, Sec C, p 1, col 3

Jun 21, 1999

ISSN: 0099-9660 NEWSPAPER CODE: WSJ

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Medium (6-18 col inches)

ABSTRACT: But to a certain extent, the gold industry's campaign celebrating gold as a sound investment has also been crashed lately, especially by the British government's announcement of sales of the metal that has driven gold prices even lower. "Our ads are not so much about the value of gold as they are about the value of gold in your portfolio as a portion of it. The council had been planning these ads since at least the fourth quarter of last year, and their message really hasn't changed since then," says Pat Shaine, the account director handling the ads for DellaFemina/Jeary & Partners Advertising Inc. Gold council officials say they began brainstorming ideas for the campaign when year-end statistics showed increased U.S. gold sales and strong demand for gold coins and bullion in 1998. Only **print** versions of the ads have run so far, but related broadcast commercials are being developed as well, **adds** Mr. (Michael C.) Barlerin. The **print ads' text** concludes by comparing gold to investing manias, saying the precious metal lasts "forever."

DESCRIPTORS: Commodity prices; Gold; Advertising campaigns

SPECIAL FEATURES: Photograph Graph

10/5/35 (Item 7 from file: 483)

DIALOG(R)File 483:Newspaper Abs Daily
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04793123

At Los Angeles Times, a Debate on News-Ad Interaction

Peterson, Iver

New York Times, Sec D, p 1, col 2

Nov 17, 1997

ISSN: 0362-4331 NEWSPAPER CODE: NY

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

ABSTRACT: Mr. Parks, who became the editor of The Los Angeles Times in October, points to the development of the Health section as a model of the kind of partnership between editors and advertising executives that has long been sought by Mark H. Willes, chairman and chief executive of the **paper**'s parent, the Times Mirror Company. Although Mr. Willes said he is dedicated to preserving the integrity of the newspaper, his moves have raised considerable controversy among journalists inside and outside The Los Angeles Times. Where Mr. Willes sees a chance to streamline cooperation between the news and business sides of the country's fourth-largest daily newspaper, critics see the potential for **advertisers** to gain influence over **news** coverage. The sections that have been **jointly** developed so far by the business and news departments -- the results of the high-level collaborations that Mr. Willes now wants to see throughout the business and editorial hierarchies -- have paid off with new advertising. But Mr. Willes's critics point to the rising influence of the business side as a potentially dangerous trend. They fear that Mr. Willes's plan may create the perception that news articles can be bought for the price of an ad.

DESCRIPTORS: Journalistic ethics; News media; Influence; **Print** advertising; Newspapers

NAMED PERSONS: Willes, Mark H; Parks, Michael

SPECIAL FEATURES: Photograph

COMPANY INFORMATION:

Los Angeles Times

Times Mirror Co

10/5/36 (Item 8 from file: 483)

DIALOG(R)File 483:Newspaper Abs Daily

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04510863

When Techies Play Publisher

Bronson, Po

New York Times, Sec A, p 29, col 2

Apr 11, 1997

ISSN: 0362-4331 NEWSPAPER CODE: NY

DOCUMENT TYPE: Commentary; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Medium (6-18 col inches)

ABSTRACT: The trend seems ominous. American Cybercast, the producer of the Web soap opera site The Spot, has filed for bankruptcy protection. Out.com, the on-line version of Out magazine, has shut down for lack of **advertising** revenue. Politics Now, a **joint** venture of ABC **News**, National Journal and The Washington Post, which was one of the Net's busiest sites during the 1996 campaign, no longer exists. And late last month Netguide Live, an on-line Web directory that had nearly 200 employees at its peak, announced it is pulling the plug. But to look at these setbacks among prominent Web sites and conclude that the Internet is not living up to its promise is like inferring that the computer industry is in trouble because nobody's buying computers from Wang, Commodore or Kaypro. In an odd way, these Web casualties are an indication of the Internet's new maturity and profitability. To understand the Web's growing pains, one must remember that many of the first developers of the sites were engineers, computer programmers and others from the high-tech industry. To them, the Web was an enticing fantasy, a chance to unleash a repressed artistic side. They hoped to take their furious E-mail rants and publish them as columns

and to use their programming skills to make Web **pages** look cool.

DESCRIPTORS: Web sites; Business failures; Internet; Competition; Internet service providers

SPECIAL FEATURES: Illustration

10/5/44 (Item 2 from file: 6)

DIALOG(R) File 6:NTIS

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1371433 NTIS Accession Number: ED-289 474

Exercise in Desktop Publishing: Using the 'Newsroom.'

Kiteka, S. F.

Indiana Univ., Bloomington. Vocational Education Services.

Corp. Source Codes: 010568021

Apr 87 19p

Languages: English

Journal Announcement: GRAI8815

Available from ERIC Document Reproduction Service (Computer Microfilm International Corporation), 3900 Wheeler Ave., Alexandria, VA 22304-5110.

NTIS Prices: Not available NTIS

Country of Publication: United States

This guide provides a description and step-by-step instructions for the use of 'Newsroom,' a desktop-publishing program for the Apple II series of microcomputers produced by Springboard Software Inc. Based on the 1984 version of the program, this two-hour exercise focuses on the design and production of a newsletter with text and graphics in a school environment. The user learns to create a **banner**, enter and edit **text**, and select and **incorporate** in the **text** clip art from the more than 600 graphics included in the package. Instructions are also provided for **laying out** and **printing** the newsletter. A glossary of newsletter and computer terms, a drawing of the main menu screen, samples of the clip art, a sample newsletter, and a list of the materials needed are included. (RP).

Descriptors: Computer software; *Electronic publishing; *Microcomputers; *Newsletters; Computer graphics; English instruction; Journalism education; **Layout** (Publications); School publications; Secondary education

Identifiers: *Apple II; *Desktop Publishing; NTISHEWERI

Section Headings: 92D (Behavior and Society--Education, Law, and Humanities)

10/5/56 (Item 6 from file: 583)

DIALOG(R) File 583:Gale Group Globalbase(TM)

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02786204

SUNDAY CORRESPONDENT TO BE LAUNCHED IN SEPTEMBER 1989

UK - SUNDAY CORRESPONDENT TO BE LAUNCHED IN SEPTEMBER 1989

Printing World (PGW) 5 July 1989 p5

ISSN: 0032-8715

The Sunday Correspondent will be launched in the UK on 17 September 1989. Its final configuration of its Atex front end is 112 terminals and workstations. Input will be dealt with by Atex's **Integrated Advertising Systems**, with **News Layout** and **Classified Pagination** software to be used by the system. Crosfield Electronics will and supply and install six K644 writers for receiving information and two K663 Pagefax readers for transmission, at Peterborough, Stoke and Portsmouth.

PRODUCT: Newspaper **Printing** (2711NP);

EVENT: COMPANIES ACTIVITIES (10);

COUNTRY: United Kingdom (4UK); OECD Europe (415); NATO Countries (420);

South East Asia Treaty Organisation (913);

File 348:EUROPEAN PATENTS 1978-2003/Jul W03

(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030807,UT=20030731

(c) 2003 WIPO/Univentio

Set	Items	Description
S1	449661	PAGE OR PAGES OR PAPER OR PRINT??? OR HARD()COPY
S2	91882	AD OR ADS OR ADVERTIS??? OR ADVERTISEMENT? ? OR BANNER? ? - OR PROMOTIONAL
S3	602366	TEXT??? OR WORD? ? OR STORY OR STORIES OR NEWS OR INFORMAT- ION
S4	889	S2(5N)S3(5N) (MERG??? OR COMBIN? OR JOIN??? OR MESH??? OR B- LEND??? OR UNITE? ? OR UNITING OR MARRY??? OR MARRIE? ? OR IN- TEGRAT? OR INCORPORAT? OR ADD OR ADDS OR ADDING OR ADDED)
S5	42011	LAYOUT? ? OR LAY???()OUT OR PAGINAT?
S6	217	S1(S)S4
S7	19	S1(S)S4(S)S5
S8	198	S6 NOT S7
S9	130	S8 AND IC=(G06F OR G06T)
S10	18	S9/TI,AB,CM
S11	112	S9 NOT S10
S12	1	S11 AND IC=G06T
S13	111	S11 NOT S12
S14	23	S13 AND IC=G06F-017/30
S15	88	S13 NOT S14
S16	62	S15 AND IC=G06F-017
S17	26	S15 NOT S16

10/5,K/17 (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00365230 **Image available**

ELECTRONIC PRODUCT INFORMATION DISPLAY SYSTEM

SYSTEME D'AFFICHAGE ELECTRONIQUE D'INFORMATIONS RELATIVES A DES PRODUITS

Patent Applicant/Assignee:

INTELLEDGE CORPORATION,
FALLS S Douglas,
DALE Ernest J,
MATHESON Rod III,
McPHILLIPS A Scott,

Inventor(s):

FALLS S Douglas,
DALE Ernest J,
MATHESON Rod III,
McPHILLIPS A Scott,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9705556 A1 19970213
Application: WO 96US12575 19960731 (PCT/WO US9612575)
Priority Application: US 951673 19950731

Designated States: AU CA CN JP KR MX US AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE

Main International Patent Class: G06F-017/60

International Patent Class: G06F-15:00

Publication Language: English

Fulltext Availability:

Detailed Description
Claims

Fulltext Word Count: 24199

English Abstract

A product information system (30) which automates and integrates real-time information display (52), **printed** information display (220) and shelf space management (226). The product information system (30) provides a link between the shelves (46) where products are displayed and in-store applications such as the POS data base system (34), shelf space planning system (226) and **advertising**. The product **information** system (30) **integrates** the operation of a plurality of information devices including real-time information display modules (52), high quality **printed** product information labels (220), hand-held programming and auditing devices (54), in-store processors (32) and **printers** (222).

French Abstract

Ce systeme (30) fournissant des informations relatives a des produits automatise et integre l'affichage d'informations en temps reel (52), l'affichage d'informations imprimees (220) et la gestion (226) de l'espace disponible sur les rayons. Ledit systeme (30) etablit une connexion entre les rayonnages (46) ou les produits sont presentes et des applications en magasin telles que le systeme (34) de base de donnees de points de vente (POS), le systeme de gestion (226) de l'espace disponible sur les rayons et la publicite. Il integre en outre la mise en oeuvre d'une pluralite de dispositifs fournissant des donnees, dont des modules d'affichage d'informations en temps reel (52), des etiquettes imprimees, de haute qualite (220), comportant des informations relatives aux produits, des dispositifs de programmation et de verification portatifs (54), des processeurs (32) en magasin, et des imprimantes (222).

English Abstract

A product information system (30) which automates and integrates real-time information display (52), **printed** information display (220) and shelf space management (226). The product information system (30) provides a link between the shelves (46) where products are displayed and in-store applications such as the POS data base system (34), shelf space planning system (226) and **advertising**. The product **information** system (30) **integrates** the operation of a plurality of information devices including real-time information display modules (52), high quality

printed product information labels (220), hand-held programming and auditing devices (54), in-store processors (32) and **printers** (222). ...

10/5,K/18 (Item 15 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00245141

INTERACTIVE ADVERTISING SYSTEM FOR ON-LINE TERMINALS
SYSTEME DE PUBLICITE INTERACTIVE POUR TERMINAUX EN LIGNE

Patent Applicant/Assignee:

SINGER Gerald,
MURPHY Arthur J,

Inventor(s):

MURPHY Arthur J,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9319427 A1 19930930

Application: WO 93US2861 19930324 (PCT/WO US9302861)

Priority Application: US 92250 19920325

Designated States: AT AU BB BG BR CA CH CZ DE DK ES FI GB HU JP KP KR LK LU

MG MN MW NL NO NZ PL PT RO RU SD SE SK UA AT BE CH DE DK ES FR GB GR IE

IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-015/21

International Patent Class: G06F-15:40

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5261

English Abstract

There is disclosed a new system for providing advertising information into an interactive system having a plurality of remotely located terminals (12). Each terminal (12) includes a video display unit (20), logic (19) and a video storage medium such as a hard disc (18) in addition to the normal functions of the interactive system of which an ATM is an example. A remote centrally located commercial computer (10) capable of transmitting digitized signals representing commercial offerings and compressed digitized video signals for display on the video unit (20) communicates with each of the remotely located terminals (12). The compressed digitized video signals are stored on the hard disc (18) of each terminal for display on the video unit (20) at times determined by the use of the terminal (12). The user selects the services or goods offered by the terminal (12) in the conventional manner. During the waiting time inherent in the operation of the terminal (12) a high quality video advertising message is displayed on the video unit (20) from the hard disc (18). The message will last for less than 15 seconds and the user selected function will continue at the conclusion of the message. The advertising message will be changed, updated and varied directly from the central computer (10).

French Abstract

Nouveau systeme permettant de fournir des informations publicitaires dans un systeme interactif comportant une serie de terminaux eloignes (12). Chaque terminal (12) comporte une unite d'affichage video (20), une logique (19) et un moyen de stockage video, tel qu'un disque dur (18), outre les fonctions normales du systeme interactif dont le guichet automatique est un exemple. Un ordinateur commercial (10) central eloigne, capable de transmettre des signaux numerises representant des propositions commerciales comprimees en signaux video numerises pour affichage sur les unites video (20), communique avec chacun des terminaux eloignes (12). Les signaux video numerises comprimes sont stockes sur le disque dur (18) dans chaque terminal, pour affichage sur l'unite video (20) a des moments determines par l'utilisation du terminal (12). L'utilisateur selectionne les services ou les biens proposes par le terminal (12) de maniere classique. Pendant le temps d'attente inherent au fonctionnement du terminal (12), un message publicitaire video de

haute qualite s'affiche sur l'unite video (20) a partir du disque dur (18). Le message dure moins de 15 secondes et la fonction choisie par l'utilisateur s'accomplit a la fin du message. Le message publicitaire est modifie, mis a jour ou change directement depuis l'ordinateur central (10).

Fulltext Availability:

Claims

Claim

... on-line services capable of being accessed by the user;

means under the control of a user for selecting

desired information offered by the terminal;

printing means for **printing** the information

selected by the user on a **hard copy** in man readable form,
and

means responsive to the use of the terminal for

displaying said changeable video **advertising information** .

Claim 2. A **combination** according to claim 1 in

which said changeable video **advertising information** is
displayed only during pauses in the operation of the
terminal.

Claim 3. A combination according to claim 1 in

which said video display unit...

16/5,K/7 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01115190

System, method and apparatus for preparation of mailpieces
System, Verfahren und Apparat zum Vorbereiten von Poststücken
Systeme, methode et appareil pour la preparation d'envois postaux
PATENT ASSIGNEE:

PITNEY BOWES INC., (244957), World Headquarter, One Elmcroft Road,
Stamford, Connecticut 06926-0700, (US), (Applicant designated States:
all)

INVENTOR:

Hart, William G., 24 Fawn Wood, Sandy Hook, CT 06482, (US)
Shea, Michael, 50 Woodruff Lane, Litchfield, CT 06759, (US)

LEGAL REPRESENTATIVE:

HOFFMANN - EITLE (101511), Patent- und Rechtsanwälte Arabellastrasse 4,
81925 München, (DE)

PATENT (CC, No, Kind, Date): EP 977136 A2 000202 (Basic)

APPLICATION (CC, No, Date): EP 99114248 990728;

PRIORITY (CC, No, Date): US 124501 980729

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT EP 977136 A2

A system, method and apparatus for preparing mailpieces. A inserter system (10) for assembling mailpieces (46) is controlled in accordance with mailpiece records (84) in a mailing control file (80). The inserter system scans control documents (CD) included in the mailpieces to identify corresponding mailpiece records. At least some of the mailpieces share common component data, such as bitmaps for logos to be printed on the mailpieces. Initially the inserter system accesses the mailing control file to identify current component data and updates component data to be used for a mailing as necessary.

ABSTRACT WORD COUNT: 94

NOTE:

Figure number on first page: 2

LEGAL STATUS (Type, Pub Date, Kind, Text):

Withdrawal: 001018 A2 Date of withdrawal of application: 20000818

Application: 20000202 A2 Published application without search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200005	1400
SPEC A	(English)	200005	3601
Total word count - document A			5001
Total word count - document B			0
Total word count - documents A + B			5001

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION fed to insert station 22 where it is inserted into an envelope and sealed to form mailpiece MP.

Mailpiece MP is then fed to address **printer** 24 which **prints** address AD on the outside of the envelope. Depending on the size of the **print** field of **printer** 24, **printer** 24 also can be used to **print** other information such as a variable return address (or other text message) RA, logo L, and postal barcode PBC on the envelope. (Those skilled in the art will recognize that dash codes as described above typically cannot include sufficient **information** to define even address **AD** so that systems **incorporating** dash codes typically use window envelopes to provide addressing information.)

System 10 also includes out stacker 30 for diverting mailpieces when an error is detected...

16/5,K/9 (Item 9 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00829991

Technique for correlating purchasing behavior of a consumer to advertisements

Technik zur Korrelation des Kaufverhaltens eines Konsumenten mit Werbeeindrucken

Technique de correlation du comportement d'achat d'un consommateur avec son exposition a la publicite

PATENT ASSIGNEE:

Weinblatt, Lee S., (590720), 797 Winthrop Road, Teaneck New Jersey 07666, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Weinblatt, Lee S., 797 Winthrop Road, Teaneck New Jersey 07666, (US)

LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. 2-5 Warwick Court High Holborn, London WC1R 5DJ, (GB)

PATENT (CC, No, Kind, Date): EP 769749 A2 970423 (Basic)

EP 769749 A3 970507

APPLICATION (CC, No, Date): EP 96202292 920527;

PRIORITY (CC, No, Date): US 733763 910722

DESIGNATED STATES: DE; FR; GB

RELATED PARENT NUMBER(S) - PN (AN):

EP 525947 (EP 923047757)

INTERNATIONAL PATENT CLASS: G06F-017/60 ; G07G-001/00

ABSTRACT EP 769749 A3

Advertisements and promotions to which a consumer has been exposed are monitored together with the subsequent purchasing behavior of that consumer. The information is combined to analyze whether and to what extent the advertisements and/or promotions influenced the consumer's purchases. Purchases are monitored by producing a machine readable record thereof with a store cash register. The consumer inserts this record into a home unit which stores this information. The home unit is also capable of issuing a reward to the consumer for cooperating. Also, the advertising, promotion and/or purchase data is classified by the home unit into selected categories which can be accessed by a computer for further processing to provide, for example, certain test results of interest relatively quickly because only a portion of all the collected data needs to be analyzed.

ABSTRACT WORD COUNT: 134

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 20000105 A2 Date of dispatch of the first examination report: 19991122

Application: 970423 A2 Published application (Alwith Search Report ;A2without Search Report)

Search Report: 970507 A3 Separate publication of the European or International search report

Examination: 971203 A2 Date of filing of request for examination: 971002

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	201
SPEC A	(English)	EPAB97	8471
Total word count - document A			8672
Total word count - document B			0
Total word count - documents A + B			8672

INTERNATIONAL PATENT CLASS: G06F-017/60 ...

...SPECIFICATION consumer was within a short distance from the set when it was tuned at that time to the channel transmitting the code signal (and therefore advertisement) of interest. All that information would be

stored in memory **incorporated** within the wristwatch.

Print ad monitoring apparatus 5 can be implemented as disclosed in USP 4,659,314 issued April 24, 1987 to the same inventor. This patent is hereby...

16/5,K/11 (Item 11 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00450840

BILLING SYSTEM

KOSTENRECHNUNGSSYSTEM

SYSTEME DE FACTURATION

PATENT ASSIGNEE:

Centillion Data Systems, Inc., (2031950), 333 North Alabama Street,
Indianapolis, Indiana 46204, (US), (applicant designated states:
AT;BE;CH;DE;DK;ES;FR;GB;IT;LI;LU;NL;SE)

INVENTOR:

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(US)
Johnson, Michael L., 5745 Cambrook Road, Dublin, Ohio 43017, (US)
DOHREWEND, Jamers, W., Jr., 2579 Parr Drive, Indianapolis, IN 46220, (US)

LEGAL REPRESENTATIVE:

Rau, Manfred, Dr. Dipl.-Ing. et al (38392), Rau, Schneck & Hubner
Patentanwalte Konigstrasse 2, 90402 Nurnberg, (DE)

PATENT (CC, No, Kind, Date): EP 541535 A1 930519 (Basic)
EP 541535 A1 930901
EP 541535 B1 970709
WO 9103023 910307

APPLICATION (CC, No, Date): EP 90912250 900810; WO 90US4563 900810

PRIORITY (CC, No, Date): US 393699 890814

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: **G06F-017/60**

CITED PATENTS (EP A): GB 2070829 A

CITED PATENTS (WO A): US 4883948 A; US 4750201 A; US 4491725 A

CITED REFERENCES (EP A):

GTE AUTOMATIC ELECTRIC WORLD-WIDE COMMUNICATIONS JOURNAL vol. 21, no. 2,
1983, MELROSE PARK, ILLINOIS US pages 45 - 50 D. MAZZOLA 'An Integrated
System Approach for Usage Sensitive Service'

PROCEEDINGS OF THE INTERNATIONAL SWITCHING SYMPOSIUM, PART 2, SESSION 42
A PAPER 5, MAY 7-11, 1984, AEI, MILANO, ITALY pages 1 - 7 J.C. MARTIN
ET AL. 'Implementation of the Detailed Billing Service in the French
Telephone Network'

JAPAN TELECOMMUNICATION REVIEW vol. 30, no. 2, April 1988, TOKYO JP pages
46 - 50 T. SANO 'A New Message Accounting System'

PROCEEDINGS OF THE NATIONAL ELECTRONICS CONFERENCE vol. 37, 1983, OAK
BROOK, ILLINOIS US pages 151 - 152 J. MAZOR 'Billing Customers for
Carriers';

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Lapse: 20000209 B1 Date of lapse of European Patent in a
contracting state (Country, date): AT
19970709, BE 19970709, DK 19970709, LU
19970831,
Application: 930519 A1 Published application (A1with Search Report
;A2without Search Report)
Examination: 930519 A1 Date of filing of request for examination:
920122
Change: 930818 A1 International patent classification (change)
Change: 930818 A1 Obligatory supplementary classification
(change)
Search Report: 930901 A1 Drawing up of a supplementary European search

report: 930712

Change: 930908 A1 Inventor (change)

Examination: 950322 A1 Date of despatch of first examination report: 950201

Change: 951122 A1 Representative (change)

*Assignee: 951122 A1 Applicant (transfer of rights) (change): Centillion Data Systems, Inc. (2031950) 333 North Alabama Street Indianapolis, Indiana 46204 (US) (applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;IT;LI;LU;NL;SE)

*Assignee: 951122 A1 Previous applicant in case of transfer of rights (change): COMPUCOM COMMUNICATIONS CORP. (1283780) 333 North Alabama Street Suite 240 Indianapolis, IN 46204 (US) (applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;IT;LI;LU;NL;SE)

Grant: 970709 B1 Granted patent

Lapse: 980408 B1 Date of lapse of the European patent in a Contracting State: AT 970709, DK 970709

Lapse: 980408 B1 Date of lapse of the European patent in a Contracting State: AT 970709, DK 970709

Lapse: 980520 B1 Date of lapse of the European patent in a Contracting State: AT 970709, BE 970709, DK 970709

Oppn None: 980701 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB97	516
CLAIMS B	(German)	EPAB97	411
CLAIMS B	(French)	EPAB97	626
SPEC B	(English)	EPAB97	17633
Total word count - document A			0
Total word count - document B			19186
Total word count - documents A + B			19186

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION features as a written bill. Standard preambles or preliminary messages may be added to the billing information in the same manner as they appear on **paper** bills. In addition, an epilogue might be added to the end of the bill text to advise customers of the late status of their account. Other types of material such as **banners**, headers, footers or **textual** material might also be **added** to make the bill more informative and flexible in the manner of a conventional bill. Such special information could be added to the bill by...

16/5,K/52 (Item 41 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00747126 **Image available**

TARGET ADVERTISING FOR FACILITATING COMMUNICATIONS BETWEEN BUYERS AND VENDORS

PUBLICITE CIBLEE POUR FACILITER LA COMMUNICATION ENTRE ACHETEURS ET VENDEURS

Patent Applicant/Assignee:

CYNAPTEC INC, 600 Suffolk Street, Fourth Floor, North, Lowell, MA 01854, US, US (Residence), US (Nationality), (For all designated states except: US)

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200060519 A1 20001012 (WO 0060519)

Application: WO 2000US9131 20000406 (PCT/WO US0009131)

Priority Application: US 99286523 19990406

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7835

English Abstract

A method of facilitating communications between buyers and vendors across a network is described. A list of vendors is received from a prospective buyer (234) with certain ones of the vendors selected. The method detects that at least one of the vendors on the list of vendors was not selected (236) by the buyer and provides to the buyer information about at least one nonselected vendor (242), thus enabling the buyer to select the at least one nonselected vendor (244) to add the at least one nonselected vendor to the selected vendor list prior to the transmission of a document to the selected vendors. The information provided to the buyer can be based on a selection of the at least one nonselected vendor according to predetermined criteria (237).

French Abstract

L'invention concerne un procede facilitant la communication entre acheteurs et vendeurs sur un reseau. Une liste de vendeurs est recue d'un acheteur potentiel (234), certains de ces vendeurs etant selectionnes. Le procede detecte qu'au moins un vendeur de la liste n'a pas ete selectionne (236) par l'acheteur, et donne a l'acheteur des informations sur ce vendeur non selectionne (242), permettant ainsi a l'acheteur de selectionner ledit vendeur non selectionne (244) et de l'ajouter a la liste des vendeurs selectionnes avant l'envoi d'un document aux vendeurs selectionnes. Les informations donnees a l'acheteur peuvent se baser sur une selection d'au moins un vendeur non selectionne en fonction de criteres predefinis (237).

Legal Status (Type, Date, Text)

Publication 20001012 A1 With international search report.

Publication 20001012 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20010517 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... back to the server to

set up another database query.

Referring to FIG. 3F, the server 14 returns to

the browser 20 a vendor matching **page** 100 which includes the vendors contained in the database that match the selected category. The vendors are listed in some order, such as alphabetically, or...

...which the check box is associated to a list of vendors that the user wishes to send information to or receive 25 information from. The **page** can include banner ads linked to vendor listings. There are various subscription types available to the vendor which allow the vendor to have a banner display associated with the vendor's other information (e.g., name, address). Thus, the **page** can 30 include a check box 104, company (vendor) name, **banner** or logo (or some **combination** thereof) 102, **information** (e.g., on-line catalog) availability 106, status (e.g., minority certification) 108, as well as other information. If the user wishes to request information...

...the

7

names of the desired vendors by selecting the check box 104 next to the vendor's name. Also included in the vendor matching **page** 100 is an "Add selected vendors to my **page** " button 110, which will be discussed later with reference to FIG. 8.

In addition to selecting the vendors to make up the list of recipients...

16/5,K/55 (Item 44 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00739255 **Image available**

GLOBALLY NETWORKED ADVERTISEMENT DISSEMINATION AND SCHEDULING SYSTEM AND METHOD

SYSTEME ET PROCEDE DE PROGRAMMATION ET DE DIFFUSION DE DONNEES PUBLICITAIRES SUR RESEAU GLOBAL

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200052621 A2 20000908 (WO 0052621)

Application: WO 2000US5553 20000303 (PCT/WO US0005553)

Priority Application: US 99122815 19990304

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/60**

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Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 17783

English Abstract

French Abstract

Legal Status (Type, Date, Text)

Publication 20000908 A2 Without international search report and to be
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Examination 20001214 Request for preliminary examination prior to end of
19th month from priority date
Declaration 20020530 Late publication under Article 17.2a
Republication 20020530 A2 With declaration under Article 17(2)(a); without
abstract; title not checked by the International
Searching Authority.

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... 5 scope of the present invention.

An important aspect of the present invention is to bridge the gap between
"one-to-many" (e.g., TV, **print**, cable) information dissemination
mechanisms and "one-to-one" (e.g., Internet) information dissemination
mechanisms. Large
publicly viewable panel displays provide for one-to-many information
dissemination, and local terminals situated nearby the panel
displays, which have
access to the system's web-site, provide for one-to-one **information**
dissemination. This unique **combination** of **information** dissemination
modes allows for directed **advertising**, as well as broad-based
advertising on a local and/or global scale.

Another aspect of the present invention is to provide a dynamic
advertising media, which are provided by large...

16/5,K/56 (Item 45 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00730875 **Image available**

PRINTED MEDIUM ACTIVATED INTERACTIVE COMMUNICATION OF MULTIMEDIA
INFORMATION, INCLUDING ADVERTISING

COMMUNICATION INTERACTIVE MISE EN OEUVRE PAR UN SUPPORT IMPRIME
D'INFORMATIONS MULTIMEDIA, Y COMPRIS PAR DE LA PUBLICITE

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200043862 A1 20000727 (WO 0043862)

Application: WO 2000US1727 20000126 (PCT/WO US0001727)

Priority Application: US 99236176 19990125

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-003/00
International Patent Class: G06F-017/27
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 11238

English Abstract

The present invention describes a revolutionary new device bridging the gap between the virtual multimedia-based Internet world and the real world, best exemplified by print media. More particularly, the invention relates to communicating multimedia information using a scanner (100) for machine-readable code (10) containing a link information corresponding to a provider information (600) depicted on the printed medium (50), a user interface (120) for obtaining user input information corresponding to the provider information, a communication bridge for sending the link information and the user input information via the network, a receiver (180) in communication with the scanner, capable of receiving the link information and the user input information, and further capable of receiving and playing a multimedia information sequence (500), and a portal server (200) in communication with the scanner via the network capable of selecting a multimedia information sequence corresponding to the link information and the user input information.

French Abstract

La presente invention concerne un nouveau dispositif revolutionnaire qui permet de combler la lacune existant entre le monde virtuel d'Internet fonde sur le multimedia et le monde reel, dont l'exemple le plus representatif est les medias imprimes. De maniere plus specifique, cette invention concerne la communication d'informations multimedia a l'aide d'un dispositif de balayage (100) de code (10) lisible par machine contenant une information de lien correspondant a une donnee (600) de fournisseur presentee sur le medium imprime (50), une interface utilisateur (120) qui permet d'obtenir des informations d'entree d'utilisateur correspondant a la donnee de fournisseur, un pont de communication qui sert a envoyer l'information de lien et les informations d'entree d'utilisateur via le reseau, un recepteur (180) qui est relie au dispositif de balayage et peut recevoir l'information de lien et les informations d'entree d'utilisateur, et qui, en outre, peut recevoir et afficher une sequence (500) d'informations multimedia, et un serveur de portail (200) qui communique avec le dispositif de balayage via le reseau et qui est capable de selectionner une sequence d'informations multimedia correspondant a l'information de lien et aux informations d'entree d'utilisateur.

Legal Status (Type, Date, Text)

Publication 20000727 A1 With international search report.
Publication 20000727 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination 20010405 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-003/00
International Patent Class: G06F-017/27
Fulltext Availability:
Detailed Description

Detailed Description

... codes 10 and uploading these codes to the portal server 200 for immediate or delayed processing or for reference. The system is capable of allowing **print** advertisers to track their impressions to execution and to collect demographic information about the person performing the scan through a tracking module 220, . The tracking...

...scan occurred may also be tracked. The system also contemplates transmitting bio-metric information according and to the extent permitted by the user personal profile **information**. The **combination** of all tracking **information** comprises **ad read-scan context information** which may be transmitted to the portal server 200 or to the provider 600 according to and to the extent permitted by the user personal...

16/5,K/59 (Item 48 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00526308 **Image available**

CONTENT ENHANCEMENT SYSTEM

SYSTEME DE MISE EN VALEUR DE CONTENU

Patent Applicant/Assignee:

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GIRMONSKY Alon,

Inventor(s):

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GIRMONSKY Alon,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9957660 A1 19991111

Application: WO 99IL237 19990506 (PCT/WO IL9900237)

Priority Application: US 9884397 19980506; US 98205729 19981204

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD

RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF

CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: **G06F-017/31**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10591

English Abstract

A system (10) and a method for delivering the content, including rich media content, to a particular audience of computer users, preferably according to characteristics of these users, such that the content is exposed in a controlled manner and such that the content is delivered by a third party into a "two-party" system such as the World Wide Web. For example, rather than delivering the content, such as an advertisement, as part of a Web page at a Web site which is remote (14) to the computer user, the present invention delivers the advertisement through the ISP (Internet Service Provider) of the user on the screen of the user's computer, for example. The advertisement or other content is therefore optionally displayed to the user regardless of the Web page being displayed on the screen of the computer of the user, in a manner which is substantially transparent to the user. Thus, the content is targeted specifically to the user rather than being generally displayed on the Web page or otherwise delivered through "two-party" channels such as Web servers (14).

French Abstract

L'invention concerne un systeme (10) et un procede destines a fournir un contenu, y compris un contenu d'informations riches a un public particulier d'utilisateurs d'ordinateurs, de preference conformement aux caracteristiques de ces utilisateurs, de telle facon que le contenu soit expose de maniere controlee et soit transfere par une tierce partie dans un systeme "deux parties", tel que le World Wide Web. Par exemple, plutot que de transferer le contenu, tel qu'une publicite, en tant que partie d'une page Web sur un site Web eloigne (14) de l'utilisateur de l'ordinateur, l'invention transfere la publicite par l'ISP (prestataire

de service Internet) de l'utilisateur, par exemple, sur l'ecran de l'ordinateur de l'utilisateur. La publicite ou un autre contenu est ainsi affiche facultativement a l'utilisateur, sans tenir compte du fait que la page Web soit affichee sur l'ecran de l'ordinateur de l'utilisateur, d'une maniere sensiblement transparente pour l'utilisateur. De cette facon, le contenu est cible specifiquement a l'utilisateur, plutot que d'etre affiche de facon generale sur la page Web ou analogue transferee par des voies "deux parties" telles que des serveurs Web (14).

Main International Patent Class: G06F-017/31

Fulltext Availability:

Detailed Description

Detailed Description

... example, content enhancement module 16 can send data to Web browser 12 which causes Web browser 12 to display an advertisement, such that the Web page displayed by Web browser 12 is a "content-added Web page". The advertisement optionally features a static graphic, with or without text, preferably including sound data. More preferably, the advertisement features animation. The advertisement can be static, but alternatively and preferably moves within the display of Web browser 12 in order to more effectively catch the attention of the...

16/5,K/60 (Item 49 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00490960

APPARATUS AND METHOD FOR PRODUCING FULFILLMENT PIECES ON DEMAND IN A VARIABLE IMAGING SYSTEM

PROCEDE ET DISPOSITIF DE PRODUCTION A LA DEMANDE DE PIECES DE COMPLEMENT DANS UN SYSTEME IMAGEUR VARIABLE

Patent Applicant/Assignee:

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Inventor(s):

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DREYER Mark G,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9922312 A2 19990506

Application: WO 98US22954 19981029 (PCT/WO US9822954)

Priority Application: US 97960519 19971029

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV

MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG

UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE

CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN

GW ML MR NE SN TD TG

Main International Patent Class: G06F-017/24

International Patent Class: G06F-017/21

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 36873

English Abstract

The present invention discloses a method for assembling fulfillment pieces with custom documents in an efficient manner. The fulfillment pieces, which may have fixed and/or variable information, are produced in line on the same press as the custom documents. This "on demand" fulfillment is accomplished through the manipulation of an original database containing document recipient information. The database manipulation includes adding records (rows) or columns to the original database to represent the custom document and the fulfillment pieces. The modified databases are used to create press command files, which are combined according to the configuration of the database to produce ordered output from a press.

French Abstract

La presente invention concerne un procede permettant de monter de facon satisfaisante des pieces de complement dans un document personnalise. Les pieces de complement, qui peuvent comporter de l'information fixe et/ou variable, sont produites en ligne sur la meme machine d'impression que les documents personnalises. Ce complement "a la demande" resulte d'une manipulation d'une base de donnees d'originaux contenant de l'information se rapportant au destinataire du document. La manipulation de la base de donnees met en oeuvre des operations d'adjonction d'articles (rangees) ou de colonnes a la base de donnees d'originaux de facon a représenter le document personnalise et les pieces de complement. Les bases de donnees de documents modifies servent a creer des fichiers de commandes de machine a imprimer, lesquels fichiers de commandes se combinent en fonction de la configuration de la base de donnees afin de produire un tirage classe a partir d'une machine a imprimer.

Main International Patent Class: G06F-017/24

International Patent Class: G06F-017/21

Fulltext Availability:

Detailed Description

Detailed Description

... That is, there can be no customization of the fulfillment pieces.
Peach et al., U.S. Patent No. 5,053,955, discloses a process for **merging promotional information** from different promotions based on multiple requests. The **information** is **merged** into a single stream for **printing**.

Printing can be arranged such that the items are printed in the desired mailing sequence.

Hidding, U.S. Patent No. 5,519,624, discloses a...

16/5,K/62 (Item 51 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00381323 **Image available**

METHOD FOR COMPUTER AIDED ADVERTISEMENT

PROCEDE POUR LA PUBLICITE ASSISTEE PAR ORDINATEUR

Patent Applicant/Assignee:

THE SOFTPAGES INC,
HOPKINS Daniel Richard,

Inventor(s):

HOPKINS Daniel Richard,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9722066 A1 19970619

Application: WO 96US20879 19961213 (PCT/WO US9620879)

Priority Application: US 959290 19951215

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GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ

PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG

AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL

PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-017/21

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11990

English Abstract

A computer implemented method for presenting vendor advertising information to a user of a computer system (100). The advertising information (404, 406) is presented to the user as a multimedia

presentation including text, graphics, audio, and video information. The advertising information is searchable by the user according to any of several indices (500) including: name (1110), address (1116), phone number (1122), location (1010), category of commerce (1312), etc. Vendors may select a locked, preferred position for their advertising information. Additionally, vendors may select to lock their position by alphanumeric sorting (500) with other vendors in the selected geographic area and/or category of commerce. Otherwise, all non-fixed position ads in a particular category of commerce are rotated each time the corresponding category is selected by the user. The method facilitates selection of a vendor nearest the user's location (1016). Keying information is maintained to account for the usage of each advertisement on each user's computer system for reporting to the vendors. An HTML document and an associated browser program, implemented on the user's computer system, are used to implement the method.

French Abstract

L'invention concerne un procede informatique permettant de presenter des informations publicitaires de vendeurs a l'utilisateur d'un systeme informatique (100). Ces informations publicitaires (404, 406) sont presentees a l'utilisateur sous forme de presentation multimedia comprenant des informations textuelles, graphiques, audio et video. L'utilisateur peut les rechercher en fonction d'un ou plusieurs des index (500) suivants: le nom (1110), l'adresse (1116), le numero de telephone (1122), le lieu (1010), la categorie de commerce (1312), etc. Les vendeurs peuvent selectionner un emplacement preferé qui est bloque, pour leurs informations publicitaires. De plus, les vendeurs peuvent choisir de bloquer leur emplacement par tri alphanumerique (500) conjointement avec d'autres vendeurs situes dans la zone geographique et/ou categorie de commerce selectionnees. Autrement, on fait tourner toutes les annonces a des emplacements non fixes dans une categorie de commerce particuliere a chaque fois que la categorie correspondante est choisie par l'utilisateur. Ledit procede facilite la selection du vendeur le plus proche du lieu (1016) de l'utilisateur. Des informations de chiffrage sont maintenues pour justifier l'utilisation de chaque annonce sur chaque systeme informatique utilisateur et en faire part au vendeur. Un document HTML (Hypertext Markup Language) et un programme de survol exploitable sur le systeme informatique de l'utilisateur sont utilises pour mettre en oeuvre ledit procede.

Main International Patent Class: G06F-017/21

Fulltext Availability:

Detailed Description

Detailed Description

... selection of a particular advertisement, element 1130 is next operable to present the multimedia presentation and associated details of the vendor's advertising information. As noted above, the multimedia advertising information may present any combination of text, graphics, video, and audio information depending upon the desire of the advertised vendor and depending upon the capabilities of the user's computer system. Following presentation of the selected vendor's advertising information, processing then continues by looping back to element 1128 to await the user's selection of another vendor's advertising information displayed on the open pages on the user's computer system display.

17/5,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01326444

Network printer apparatus

Netzwerkdrucker

Dispositif d'imprimante de reseau

PATENT ASSIGNEE:

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all)

INVENTOR:

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Kida, Yasunari, Fujitsu Limited, 1-1 Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588, (JP)

LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 1132809 A2 010912 (Basic)
EP 1132809 A3 011010

APPLICATION (CC, No, Date): EP 2001107819 941003;

PRIORITY (CC, No, Date): JP 93286806 931116; JP 9448423 940318

DESIGNATED STATES: DE; FR; GB

RELATED PARENT NUMBER(S) - PN (AN):

EP 653700 (EP 94307210)

INTERNATIONAL PATENT CLASS: G06F-003/12

ABSTRACT EP 1132809 A3

A high-speed network printer apparatus can be used in common by clients having different communication protocols and can sort out printing jobs into the order of clients. Printing information is supplied from a client 52 which may be a personal computer or a work station through a connector of the printer apparatus. A LAN interface driver 216 receives the printing information and identifies a communication protocol by which the printing information is transferred. A communication protocol controller 21-3 to 2-6 receives printing information in accordance with a predetermined protocol. A spooling controller 21-8, which is coupled to a storage unit 24 which stores the received printing information, creates a queue for printing jobs. A printer controller reads out from the storage unit the printing information corresponding to a printing job of the highest priority which is designated by the queue, and forms a dot image on the basis of the printing information. A printing mechanism 23 prints the image on paper. A mailbox (51, Fig. 40) stores printed paper into a designated bin. A printing job table JBTB is provided in the printer apparatus, in which each row is allotted to one printing job which includes a field for storing an emulation program name. A registering unit 122 judges whether or not there is a another printing job having the same emulation program name to expedite the printing process.

ABSTRACT WORD COUNT: 230

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010912 A2 Published application without search report

Examination: 010912 A2 Date of request for examination: 20010425
Search Report: 011010 A3 Separate publication of the search report
Examination: 020612 A2 Date of dispatch of the first examination
report: 20020424
Assignee: 030514 A2 Transfer of rights to new applicant: FUJI XEROX
CO., LTD. (450448) 17-22, Akasaka 2-chome
Minato-ku, Tokyo, 107-0052 JP

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200137	598
SPEC A	(English)	200137	28280
Total word count - document A			28878
Total word count - document B			0
Total word count - documents A + B			28878

INTERNATIONAL PATENT CLASS: G06F-003/12

...SPECIFICATION the request for printing, the operation of the network printer or the like and deciding whether or not the request is to be received. The **banner page** updating function is a function of **adding** and editing the **information** to be **printed** in the **banner page** by the user himself. The "banner page" is a **page** which is inserted between **printed pages** in accordance with the **printing** job for the purpose of identifying the **printing** job. Good use of such a center routine control function facilitates the security of the common use of the network **printer** and the guarantee of the accounting processing.

The filter controller 21-11 has functions of changing the code of printing data, and checking, changing and...the reception of printing data to the network printer apparatus as a center routine control function;

(23) a network printer apparatus has a function of **adding** and editing **information** for a **banner page** as a center routine control function;

(24) a network printer apparatus has a function of controlling the number of printable pages in response to a...

17/5,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00398778

Interactive facsimile system and method of information retrieval.
Interaktives Faksimilesystem und Methode zur Informationswiederauffindung.
Systeme de facsimile interactif et methode de recherche d'information.

PATENT ASSIGNEE:

INTERFAX, INC., (1207310), 1040 Marsh Road, Menlo Park, California 94025,
(US), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Baran, Paul, 83 James Avenue, Atherton, California 94025, (US)

Baran, David F., 1324 Josephine Street, Berkeley, California 94703, (US)

LEGAL REPRESENTATIVE:

Muir, Ian R. et al (34151), HASELTINE LAKE & CO. Hazlitt House 28

Southampton Buildings Chancery Lane, London WC2A 1AT, (GB)

PATENT (CC, No, Kind, Date): EP 388093 A2 900919 (Basic)

EP 388093 A3 911106

APPLICATION (CC, No, Date): EP 90302532 900309;

PRIORITY (CC, No, Date): US 323282 890314

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: H04N-001/32; H04N-001/21; H04N-001/00;

G06F-015/40

CITED PATENTS (EP A): DE 3642220 A; GB 2207838 A; EP 170469 A

CITED REFERENCES (EP A):

PATENT ABSTRACTS OF JAPAN vol. 12, no. 435 (E-683) 16 November 1988,
& JP-A-63 169869 (RICOH CO LTD) 13 July 1988,

ALTA FREQUENZA. vol. LVI, no. 6, August 1987, MILANO IT pages 283 - 289;

GALLERANI ET AL.: "ARFAX: A DOCUMENT FILING SYSTEM WHICH USES A

FACSIMILE AS ACQUISITION DEVICE";

ABSTRACT EP 388093 A2

This invention allows unmodified CCITT Group 3 and 4 facsimile transceivers to interactively select and retrieve facsimile pages from a shared facsimile data base FAX server system ("FAX server"). The remote facsimile transceiver user marks a paper selector sheet form using a pencil or pen. The selector sheet is transmitted via the remote facsimile transmitter, preferably in a turn-around polling mode, to the FAX server unit. The FAX server unit processes the facsimile signal rapidly, interpreting the selector sheet and selecting the pages desired to be retrieved prior to the normal CCITT Recommendation T.30 timeout, which would otherwise abort the line connection. The invention allows the requested information to be returned during the same telephone call. If turn-around polling is not available, then the FAX server initiates alternative strategies culminating in an automatic callback with the information desired. The capability created allows facsimile transceivers to be used as interactive terminals for selective retrieval of text and graphics, without requiring alphanumeric keyboard interaction or the need for manual intervention.

ABSTRACT WORD COUNT: 172

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 900919 A2 Published application (Alwith Search Report ;A2without Search Report)
 Examination: 900919 A2 Date of filing of request for examination: 900418
 Search Report: 911106 A3 Separate publication of the European or International search report
 *Assignee: 940216 A2 Applicant (transfer of rights) (change): HARVEST SOFTWARE, INC. (1207312) 320 Soquel Way Sunnyvale, California 94086-4104 (US) (applicant designated states: DE;FR;GB;IT)
 Examination: 940316 A2 Date of despatch of first examination report: 940128
 Change: 950222 A2 Representative (change)
 *Assignee: 950222 A2 Applicant (transfer of rights) (change): CARDIFF SOFTWARE, INC. (1876940) 531 Stevens Avenue, Building B Solana Beach, California 92075 (US) (applicant designated states: DE;FR;GB;IT)
 Withdrawal: 960925 A2 Date on which the European patent application was deemed to be withdrawn: 960319

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1406
SPEC A	(English)	EPABF1	9367
Total word count - document A			10773
Total word count - document B			0
Total word count - documents A + B			10773

...INTERNATIONAL PATENT CLASS: G06F-015/40

...SPECIFICATION sub-field 64a is encoded with the numeral 7,451.

Fig. 2f shows a representative cover sheet to be used by the owner, or an **advertiser**, to **add** /remove/modify **information** to or in the data base stored on disk 28 of FAX server 20 by means of a FAX transceiver. The form includes three fields...

...Sub-field 66b is where the information retrieval number (bingo number) of that information is entered. Sub- field 66c is for the entry of a **page** count of the number of **pages** that are included, or to be included, in the memory for that retrieval number. The number to be entered in sub-field 66d is a password number for access to read any **pages** already stored at the selected address location, and the number to be entered in sub-field 66c is a second password number that will allow ...

...the selected memory address. Finally, sub-field 66f is provided to select the function that the user wishes to perform: to add, remove or modify **pages** to, from or in the memory; or to designate a **page** as a front or back cover **page**.
Once the input form of Fig. 2f is completed, it is placed on top of the pages to be added to, or modified in, the...

17/5,K/20 (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00541061 **Image available**

A COMPUTER INTERFACE METHOD AND APPARATUS WITH PORTABLE NETWORK ORGANIZATION SYSTEM AND TARGETED ADVERTISING
PROCEDE D'INTERFACE D'ORDINATEUR ET APPAREIL POURVU D'UN SYSTEME D'ORGANISATION DE RESEAU PORTATIF ET DE PUBLICITE CIBLEE

Patent Applicant/Assignee:

B E TECHNOLOGY LLC,
HOYLE Martin David,

Inventor(s):

HOYLE Martin David,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200004434 A2 20000127 (WO 0004434)

Application: WO 99US16135 19990716 (PCT/WO US9916135)

Priority Application: US 98118351 19980717

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD
RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF
CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-003/14

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 25212

English Abstract

A method and apparatus for providing an automatically (Fig. 4) upgradeable software application (14) includes targeted advertising based upon demographics and user interaction with the computer (18). The software application (14) includes a display region (28) used for banner advertising that is downloaded over a network such as the Internet (20). Data associated with each advertisement is used by the software application in determining when a particular advertisement is to be displayed.

French Abstract

L'invention concerne un procede et un appareil pour fournir automatiquement une application logicielle evolutive qui comprend une publicite ciblee en fonction de la demographie et du systeme interactif avec l'ordinateur. L'application logicielle comprend une zone d'affichage utilisee pour des messages publicitaires qui est telechargee sur un reseau tel qu'Internet. L'application logicielle est accessible a partir d'un serveur via le reseau et les informations demographiques relatives a l'utilisateur sont acquises par le serveur et permettent de determiner quelle publicite sera envoyee a l'utilisateur. L'application logicielle cible les annonces publicitaires en reponse au systeme interactif normal avec l'ordinateur. Les donnees associees a chaque publicite sont utilisees par l'application logicielle pour determiner le moment ou une annonce publicitaire specifique doit etre affichee. Cela comprend la specification de certains programmes que l'utilisateur peut avoir, de telle sorte que lorsque l'utilisateur exploite le programme (par exemple, un programme de tableur), une annonce publicitaire appropriee peut s'afficher (par exemple, une publicite pour un courtage d'actions). Cela

assure le ciblage en temps reel, a deux niveaux de la publicite, tant d'un point de vue demographique que reactif. L'application logicielle comprend une programmation qui accede au serveur pour determiner s'il est necessaire de faire evoluer un ou plusieurs composants de l'application. Si tel est le cas, les composants peuvent etre telecharges et installes sans autre action de l'utilisateur. Un outil de distribution est prevu pour la distribution logicielle et l'evolution sur le reseau. En outre, l'invention concerne egalement un profil d'utilisateur qui est accessible a tout ordinateur sur le reseau. Par ailleurs, de multiples utilisateurs du meme ordinateur peuvent posseder des ressources et des fichiers du reseau Internet qui sont personnalises, geres et organises.

Main International Patent Class: **G06F-003/14**

Fulltext Availability:

Detailed Description

Detailed Description

... to then locate a URL or other product information from the recognized text, access the user's profile and library via network access, and then **add** the appropriate information to the electronic shopping cart.

Advertisers can provide information in conjunction with advertisements. For example, advertisers can provide advertising information as well as a ticker containing information regarding sports, business, news...

17/5,K/25 (Item 19 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00222788

**METHOD AND APPARATUS FOR SELECTIVE DISTRIBUTION OF DISCOUNT COUPONS
PROCEDE ET APPAREIL POUR LA DISTRIBUTION SELECTIVE DE BONS DE REDUCTION**

Patent Applicant/Assignee:

CATALINA MARKETING INTERNATIONAL INC,

Inventor(s):

O'BRIEN Michael R,
OFF George W,
CHERNEY Timothy L,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9220030 A1 19921112

Application: WO 92US3898 19920506 (PCT/WO US9203898)

Priority Application: US 91650 19910506

Designated States: AU BB BG BR CS FI HU JP KP KR LK MG MW NO PL RO RU SD

Main International Patent Class: **G06F-015/21**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6640

English Abstract

A system for automatically distributing discount coupons or certificates in a retail store, conditioned on a preselected combination of present and past shopping behavior of a customer whose order is being processed at a checkout stand (12, 13). Generation of a printable discount coupon can be based on any desired combination of customer-supplied data, obtained from a customer identification data base (22, 24) past shopping activity, derived form data gathered during previous customer visits to the store, and present shopping activity, as evidenced by items identified in the current customer order. If all of the preselected conditions for generation of a coupon are satisfied, the coupon is generated and printed at the checkout stand (12, 13).

French Abstract

L'invention se rapporte a un systeme pour distribuer automatiquement des bons de reduction ou des certificats de ristourne dans un magasin de detail, systeme dont les conditions sont basees sur une combinaison choisie au prealable d'informations relatives au comportement d'achat

present et passe d'un client dont la commande est en cours de traitement a un stand de controle (12, 13). Pour produire un bon de reduction a imprimer, on peut se fonder sur n'importe quelle combinaison desiree de donnees fournies par le client, qui sont obtenues a partir d'une base de donnees (22, 24) d'identification du client, concernant d'une part son activite d'achat passee, tirees des donnees recueillies lors de ses visites anterieures dans le magasin, et d'autre part, son activite d'achat presente, telle qu'elle est revelee par les articles identifies par la commande courante du client. Lorsque toutes les conditions choisies au prealable, devant determiner la production d'un bon de reduction, sont satisfaites, le bon est produit et imprime au stand de controle (12, 13).

Main International Patent Class: G06F-015/21

Fulltext Availability:

Detailed Description

Detailed Description

... from the foregoing that
the present invention represents a significant advance
in the field of point-of-sale systems in which discount
coupons can be **printed** in retail stores, In particular,
the invention provides for very specific targeting of
customers for **promotional** discount couponsf based on a
selected **combination** of customer-supplied **information** ,,
and present and past shopping activity by the customer,
other aspects and advantages of the invention will become apparent from
the following more detailed description...

?

File 347:JAPIO Oct 1976-2002/Jul(Updated 021104)

(c) 2002 JPO & JAPIO

File 350:Derwent WPIX 1963-2002/UD,UM &UP=200273

(c) 2002 Thomson Derwent

Set	Items	Description
S1	1415900	WEIGHT? OR INFLUENC? OR SCORE? ? OR GRADE? ? OR GRADING OR RATE? ? OR RATING? ?
S2	341992	WORD? ? OR KEYWORD? ? OR TERM? ? OR TERMINOLOG??? OR PHRASE? ? OR SENTENCE? ? OR EXPRESSION? ? OR STRING? ?(3N)CHARACTER? ?
S3	21	S1(5N)S2(5N)POSITIV?(5N)NEGATIV?
S4	2087	S2(5N)(AD OR ADS OR ADVERTIS??? OR ADVERTISEMENT? ? OR PROMOTION?? OR BANNER? ? OR MESSAGE? ?)
S5	47841	S2(5N)(CONTENT OR DOCUMENT? ? OR RECORD? ? OR FILE OR FILES OR DATA OR INFORMATION OR TEXT)
S6	175573	(SEARCH? OR FIND??? OR LOCATE? ? OR LOCATING OR LOOK??? OR OBTAIN? OR QUERY??? OR QUERIE? ? OR RETRIEV? OR GET? ? OR GETTING)(3N)(CONTENT OR DOCUMENT? ? OR RECORD? ? OR FILE OR FILES OR DATA OR INFORMATION OR TEXT)
S7	5871	(SEARCH? OR FIND??? OR LOCATE? ? OR LOCATING OR LOOK??? OR OBTAIN? OR QUERY??? OR QUERIE? ? OR RETRIEV? OR GET? ? OR GETTING)(5N)(AD OR ADS OR ADVERTIS??? OR ADVERTISEMENT? ? OR PROMOTION?? OR BANNER? ? OR MESSAGE?)
S8	9552	S2(5N)(ADD?? OR ADDING OR ADDITION? ? OR SUM? ? OR SUMM??? OR SUMMATION OR TOTAL? OR MULTIPLY??? OR MULTIPLIE? ? OR MULTIPLICA?)
S9	58591	S1(5N)(ADD?? OR ADDING OR ADDITION? ? OR SUM? ? OR SUMM??? OR SUMMATION OR TOTAL? OR MULTIPLY??? OR MULTIPLIE? ? OR MULTIPLICA?)
S10	6507	S1(5N)S2
S11	956	S10 AND S4:S5
S12	231	S11 AND S6:S7
S13	185	S12 AND IC=G06F
S14	65	S13 AND SEARCH???
S15	120	S13 NOT (S3 OR S14)
S16	41407	RETRIEV?(5N)(CONTENT OR DOCUMENT? ? OR DATA OR INFORMATION)
S17	83	S15 AND S16
S18	37	S15 NOT S17
S19	1342	S8 AND S1
S20	2252	S9 AND S2
S21	5	S19:S20 AND IC=G06F AND (AD OR ADS OR ADVERTIS??? OR ADVERTISEMENT? ?)
S22	3	S21 NOT S13
S23	162	S19 AND S10 AND IC=G06F
S24	88	S23 AND S4:S7
S25	57	S24 NOT (S13 OR S22 OR S3)
S26	138	S20 AND S10 AND IC=G06F
S27	66	S26 AND S4:S7
S28	18	S27 NOT (S13 OR S22 OR S3 OR S25)

3/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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06707670 **Image available**
DATA SORTING METHOD AND DEVICE AND STORAGE MEDIUM STORING DATA SORTING
PROGRAM

PUB. NO.: 2000-293502 [JP 2000293502 A]
PUBLISHED: October 20, 2000 (20001020)
INVENTOR(s): TAIRA HIROYORI
MUKAIUCHI TAKAFUMI
HARUNO MASAHIKO
APPLICANT(s): NIPPON TELEGR & TELEPH CORP (NTT)
APPL. NO.: 11-098037 [JP 9998037]
FILED: April 05, 1999 (19990405)
INTL CLASS: G06F-015/18; G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To reduce a trend that the training data are decided in a category having a large quantity of data and to improve the deciding accuracy by preparing an object function having both **positive** and **negative** data **weighting** parameter included in an error **term** in a data sorting method that uses a support vector machine.

SOLUTION: In a data sorting method using a support vector machine, an object function having both **positive** and **negative** data **weighting** parameters included in an error **term** is prepared. Then the parameter C of the object function is discriminated between the cases where the training data x belong to the positive and negative examples respectively, and an the object function is shown in an expression where Cp and Cn show the non-negative actual numbers. An object function minimization means of this data sorting device minimizes the object function according to the data x. A sorting decision means forms a separate hyperplane by means of the minimized object function and sorts the inputted test data into a category of a positive or negative example of the separate hyperplane and then outputs the sorted data.

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3/5/7 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014585089 **Image available**
WPI Acc No: 2002-405793/200243
XRPX Acc No: N02-318614

Classifying text document for emotion and affect by assigning intensity value for each term and counting number of occurrences

Patent Assignee: JUSTSYSTEM CORP (JUST-N)
Inventor: KANTROWITZ M
Number of Countries: 097 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200241191	A1	20020523	WO 2001US47970	A	20011031	200243 B
AU 200236614	A	20020527	AU 200236614	A	20011031	200261

Priority Applications (No Type Date): US 2000713726 A 20001115

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
WO 200241191 A1 E 40 G06F-017/30

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200236614 A G06F-017/30 Based on patent WO 200241191

Abstract (Basic): WO 200241191 A1

NOVELTY - Method consists in assigning a score to each affect term of consecutive words, computing an affect score for the document (news article, web page, customer communications) from the **scores** for each term and classifying the document. The **score** is the number of times the **term** occurs and is assigned by multiplying by an intensity value for each **term**. Affect **terms** are classified as **positive** or **negative**, summed and the **negatives** are subtracted from the **positives**.

DETAILED DESCRIPTION - There is an INDEPENDENT CLAIM for an apparatus for classifying a text document according to emotion and affect.

USE - Method is for analyzing affect and emotion in text documents.

DESCRIPTION OF DRAWING(S) - The figure shows a flow diagram of the classification method.

pp; 40 DwgNo 1/5

Title Terms: CLASSIFY; TEXT; DOCUMENT; EMOTIONAL; AFFECT; ASSIGN; INTENSITY
; VALUE; TERM; COUNT; NUMBER; OCCUR

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

3/5/11 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014009493 **Image available**

WPI Acc No: 2001-493707/200154

XRPX Acc No: N01-365594

Morphological analysis device has evaluation score acquisition unit to acquire positive or negative score with respect to accuracy of partial series according to predetermined score rule

Patent Assignee: TOSHIBA KK (TOKE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001184350	A	20010706	JP 99370877	A	19991227	200154 B

Priority Applications (No Type Date): JP 99370877 A 19991227

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2001184350 A 13 G06F-017/27

Abstract (Basic): JP 2001184350 A

NOVELTY - An evaluation score acquisition unit (102) acquires a positive or negative score with respect to accuracy of partial series according to stored predetermined score rule. Based on evaluated score, selection output units (103,105,107) select a word series having high score, when developing a word network and outputs morphological analysis result.

USE - Morphological analysis result.

ADVANTAGE - By acquiring **positive** or **negative score** to the partial series, the number of **word** series to be developed is reduced and a **word** series of efficient combination is selected without performing evaluation with respect to all series and hence the process velocity is improved.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the components of morphological analysis device. (Drawing includes non-English language text).

Evaluation score acquisition unit (102)

Selection output units (103,105,107)

pp; 13 DwgNo 1/11

Title Terms: MORPHOLOGY; ANALYSE; DEVICE; EVALUATE; SCORE; ACQUIRE; UNIT;
ACQUIRE; POSITIVE; NEGATIVE; SCORE; RESPECT; ACCURACY; SERIES; ACCORD;
PREDETERMINED; SCORE; RULE

Derwent Class: T01
International Patent Class (Main): G06F-017/27
File Segment: EPI

3/5/12 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013896210 **Image available**
WPI Acc No: 2001-380423/200140
XRPX Acc No: N01-278884

Computer based semi-automated data processing system in financial investment environment, generates summary report containing selected item ID, summary recommendations for selected item and other details

Patent Assignee: REESE J P (REES-I)
Inventor: REESE J P
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6236980	B1	20010522	US 9857823	A	19980409	200140 B

Priority Applications (No Type Date): US 9857823 A 19980409

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 6236980 B1 98 G06F-017/60

Abstract (Basic): US 6236980 B1

NOVELTY - A data storing unit stores recommendation capsules comprising a summary of original recommendation about an item. The recommendation includes advises, suggestions, endorsement, approval or caution about item. The recommendations are selected from magazines, newsletters, online sources and broadcast programs. A report generating unit generates a summary report for selected item. The report comprises selected item identification, summary recommendation, date identification and source associated with original recommendation hierarchy of sources.

DETAILED DESCRIPTION - The system includes a general purpose computer with a computer memory and data storing unit. The storing unit stores recommendation data set comprising multiple recommendation capsules. The capsules stores original recommendation about an item in the form of **phrase**, **grade**, code or symbol that suggests a sentiment or degree of **positive**, **negative** or neutral action towards an item. The capsules also stores a hierarchy of original document sources such as publication name, online source or broadcast program issuing the recommendation, date identification associated with issue of publication, title of issued article and the name of recommender associated with recommended article. An item selecting unit selects an item and a report generating unit generates a summary report for selected item. The summary report includes an identification of selected item, a section for recommendation capsules comprising summary recommendation, date identification associated with original recommendation's hierarchy of sources and identification of one of the original recommendation's hierarchy of sources. An INDEPENDENT CLAIM is also included for report producing method.

USE - Used to report multiple summary recommendations about on item in financial investment environment.

ADVANTAGE - By generating a summary report for an selected item, the user easily selects an item in which he/she wants to make an investment or purchase decision. The user can see and compare the collected recommendations about the selected item from multiple magazines, websites or broadcast program sources with all the information in one report, hence the user is enabled to make investment decisions quickly in rapidly changing markets.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic flowchart depicting the generation of report.

pp; 98 DwgNo 15/51

Title Terms: COMPUTER; BASED; SEMI; AUTOMATIC; DATA; PROCESS; SYSTEM;

FINANCIAL; INVESTMENT; ENVIRONMENT; GENERATE; SUMMARY; REPORT; CONTAIN;
SELECT; ITEM; ID; SUMMARY; SELECT; ITEM; DETAIL
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

3/5/19 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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008489139
WPI Acc No: 1990-376139/199050
XRPX Acc No: N90-286659

High speed processor for recursive computations - has multiplier cells
arranged to accept generated input transfer digits for addition at later
computational stage

Patent Assignee: UK SEC FOR DEFENCE (MINA)
Inventor: KNOWLES S C; MCCANNY J V; MCWHIRTER J G; WOODS R F; KNOWLES C S;
MCCANNY V J; MCWHIRTER G J
Number of Countries: 013 Number of Patents: 011
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9014628	A	19901129				199050 B
GB 2246884	A	19920212	GB 9021658	A	19900517	199207
EP 472519	A	19920304	EP 89908455	A	19890517	199210
GB 2269035	A	19940126	GB 9021658	A	19890517	199402 N
			GB 9319557	A	19930922	
GB 2269036	A	19940126	GB 9021658	A	19890517	199402
			GB 9319558	A	19930922	
GB 2246884	B	19940406	WO 89GB531	A	19890517	199411
			GB 9021658	A	19890517	
GB 2269035	B	19940406	GB 9021658	A	19890517	199411 N
			GB 9319557	A	19930922	
GB 2269036	B	19940406	GB 9021658	A	19890517	199411
			GB 9319558	A	19930922	
EP 472519	B1	19960207	EP 89908455	A	19890517	199610
			WO 89GB531	A	19890517	
DE 68925649	E	19960321	DE 625649	A	19890517	199617
			EP 89908455	A	19890517	
			WO 89GB531	A	19890517	
JP 10502749	W	19980310	JP 89507838	A	19890517	199820
			WO 89GB531	A	19890517	

Priority Applications (No Type Date): WO 89GB531 A 19890517; GB 9319557 A
19930922; GB 9319558 A 19930922

Cited Patents: 3.Jnl.Ref; EP 249279

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9014628	A		65		
Designated States (Regional): AT BE CH DE ES FR GB IT LI LU NL SE					
EP 472519	A				
Designated States (Regional): AT BE CH DE ES FR GB IT LI LU NL SE					
GB 2269035	A		51	G06F-007/544	Derived from application GB 9021658
GB 2269036	A		53	G06F-007/544	Derived from application GB 9021658
GB 2246884	B			G06F-007/544	Based on patent WO 9014628
GB 2269035	B		50	G06F-007/544	Derived from application GB 9021658
GB 2269036	B			G06F-007/544	Derived from application GB 9021658
EP 472519	B1 E		46	G06F-007/544	Based on patent WO 9014628
Designated States (Regional): BE CH DE FR IT NL					
DE 68925649	E			G06F-007/544	Based on patent EP 472519
					Based on patent WO 9014628
JP 10502749	W		114	G06F-017/16	Based on patent WO 9014628

Abstract (Basic): WO 9014628 A

The processor incorporates multiplier cells (16) connected to form
rows (12) and columns (14). Each row (12) is arranged to multiply by a
coefficient. It begins with accumulator cells (18 and 20), and

continues with multiplier cells (16) arranged to multiply by individual coefficient digits and disposed in descending order of digit significance. Columns (14) other than the first column (141) begin with a multiplier cell (16), and the higher significance columns (141 to 144) terminate at respective accumulator cells (20). Any intervening multiplier cells (16) are arranged in ascending order of multiplier digit significance. The multiplier and accumulator cells (16 to 20) operate in accordance with signed digit number representation arithmetic involving digit redundancy. They generate sum and transfer digits for output down columns (14) and along rows (12) respectively to neighbouring cells, in the direction of increasing digit significance in the case of transfer digits.

The cell arithmetic employed makes it possible to compute results most significant digit first. Each result digit is recycled when formed to provide a multiplicand digit input for all multiplier cells (16) of a respective row (12) selected in accordance with result digit significance. The processor (10) is also arranged to add successive non-recursive input terms to multiplier products. This provides for the processor (10) to provide a first order infinite impulse response (IIR) filter section, and two cascaded processors provide a second order IIR filter section. (65pp Dwg.No.1/14)

Title Terms: HIGH; SPEED; PROCESSOR; RECURSIVE; COMPUTATION; MULTIPLIER;
CELL; ARRANGE; ACCEPT; GENERATE; INPUT; TRANSFER; DIGITAL; ADD; LATE;
COMPUTATION; STAGE

Derwent Class: T01

International Patent Class (Main): G06F-007/544; G06F-017/16

International Patent Class (Additional): G06F-007/49; G06F-007/52;
G06F-007/54

File Segment: EPI

14/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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04579159 **Image available**
DOCUMENT RETRIEVAL DEVICE

PUB. NO.: 06-251059 [JP 6251059 A]
PUBLISHED: September 09, 1994 (19940909)
INVENTOR(s): TANOSAKI YASUO
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 05-038944 [JP 9338944]
FILED: February 26, 1993 (19930226)
INTL CLASS: [5] G06F-015/40
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1840, Vol. 18, No. 649, Pg. 6,
December 09, 1994 (19941209)

ABSTRACT

PURPOSE: To constitute the **document retrieval** device which quickly **searches documents** including a **keyword** designated by a user without omission and minimizes a **rate** that a **document** including **character strings** which are not designated by the user.

CONSTITUTION: A controller 4 preliminarily examines the difference between character codes of two arbitrary adjacent characters in text data included at classified document data, and a table indicating whether there are a group of characters having an arbitrary difference value or not and a table indicating whether there are characters in the text corresponding to an arbitrary character code existed or not are allocated in a memory of the controller 4. The controller 4 refers to contents of these two kinds of tables stored by corresponding to each document to collate them with an inputted retrieval key and **searches** an objective **document**.

14/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2002 JPO & JAPIO. All rts. reserv.

04467029 **Image available**
DATA RETRIEVING DEVICE

PUB. NO.: 06-110929 [JP 6110929 A]
PUBLISHED: April 22, 1994 (19940422)
INVENTOR(s): KOYAMA NORIKO
YAJIMA MASATO
SHIMIZU YUUJI
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 04-258130 [JP 92258130]
FILED: September 28, 1992 (19920928)
INTL CLASS: [5] G06F-015/40 ; G06F-015/40
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1775, Vol. 18, No. 394, Pg. 6, July
22, 1994 (19940722)

ABSTRACT

PURPOSE: To provide the **data retrieving** device by which a desired sentence example can be retrieved from a high angle by operating a further deep **retrieval** to a **data** base.

CONSTITUTION: A retrieving part 2 retrieves a corresponding **sentence** example from a **data** base 3 based on a retrieval key inputted from an inputting part 1, and applies an evaluation point indicating a word similarity and a sentence pattern similarity to the retrieved sample sentence. A priority order adjusting part 4 weights the evaluation **score** applied to the retrieved sample **sentence** based on a retrieval priority order set from the inputting part 1, and **searches** the final evaluation

score. An outputting part 5 outputs the sample **sentence** to which the final evaluation **score** is applied by the priority order adjusting part 4, in the order of the high evaluation score.

14/5/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2002 JPO & JAPIO. All rts. reserv.

03459869 **Image available**
KEYWORD ASSOCIATIVE RETRIEVING DEVICE

PUB. NO.: 03-122769 [JP 3122769 A]
PUBLISHED: May 24, 1991 (19910524)
INVENTOR(s): MORITA TETSUYA
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 01-260692 [JP 89260692]
FILED: October 05, 1989 (19891005)
INTL CLASS: [5] **G06F-015/40**
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1242, Vol. 15, No. 335, Pg. 20,
August 26, 1991 (19910826)

ABSTRACT

PURPOSE: To reflect a user's own request concept to a retrieving condition expression by calculating the degree of keyword relation indicating the strength of relation of respective keywords included in a keyword dictionary at the time of inputting at lease one retrieving **keyword** and its **weight** value.

CONSTITUTION: The internal constitution of an associative retrieving part 2 at the time of defining that the whole number of keywords is (n) consists of an input means 5, a combining means 6 and an output means 7. In the case of forming a **retrieving** condition for **information retrieval**, a **keyword** associated from the keyword dictionary by the retrieving keyword is also displayed together with the keyword relating degree. Thereby a retrieving person can **search** and select the necessary keyword without referring a thesaurus or the like. Consequently, the retrieving person can reflect his (or her) own request concept to the retrieving condition expression.

14/5/6 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014821716 **Image available**
WPI Acc No: 2002-642422/200269
XRPX Acc No: N02-507777

Document selection and organization method in internet search engine, involves ranking words in lexical construct of searched document in accordance with dispersion rates assigned to words

Patent Assignee: ANICK P (ANIC-I); TIPIRNENI S (TIPI-I)

Inventor: ANICK P; TIPIRNENI S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020091661	A1	20020711	US 99370639	A	19990806	200269 B

Priority Applications (No Type Date): US 99370639 A 19990806

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020091661	A1	12	G06F-007/00	

Abstract (Basic): US 20020091661 A1

NOVELTY - A lexical construct conforming to a selected syntactic pattern is identified in the **documents** which match a **search**

expression . The words in the lexical construct are ranked in accordance with the dispersion **rates** which are assigned to the **words** based on number of distinct constructs in the words. A word in the ranked list is selectively appended to the **search** condition.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for **text searching** apparatus.

USE - For selecting and organizing the **document** used in internet **search** engines of a client-server network.

ADVANTAGE - As the concise summary of the contents is effectively obtained from corresponding lexical constructs based on which new words are added to **search** condition, the **search** condition is effectively reformulated.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic representation of the client-server network.

pp; 12 DwgNo 1/3

Title Terms: DOCUMENT; SELECT; ORGANISE; METHOD; **SEARCH** ; ENGINE; RANK; WORD; LEXICAL; CONSTRUCTION; **SEARCH** ; DOCUMENT; ACCORD; DISPERSE; RATE; ASSIGN; WORD

Derwent Class: T01

International Patent Class (Main): **G06F-007/00**

File Segment: EPI

14/5/18 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014227715 **Image available**

WPI Acc No: 2002-048413/200206

Related WPI Acc No: 1998-271607; 2000-655256; 2002-488948

XRPX Acc No: N02-035758

Database records ranking method involves ranking records based on weight of index entry and frequency of occurrence of related information corresponding to query term

Patent Assignee: ALTA VISTA CO (ALTA-N)

Inventor: BURROWS M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6317741	B1	20011113	US 96694912	A	19960809	200206 B
			US 9854439	A	19980403	
			US 99361383	A	19990726	
			US 2000634465	A	20000807	

Priority Applications (No Type Date): US 96694912 A 19960809; US 9854439 A 19980403; US 99361383 A 19990726; US 2000634465 A 20000807

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6317741	B1	44	G06F-017/30		Cont of application US 96694912 Cont of application US 9854439 Cont of application US 99361383 Cont of patent US 5745890 Cont of patent US 6105019

Abstract (Basic): US 6317741 B1

NOVELTY - The database records are ranked based on frequency of occurrence of information and weight of each index entry corresponding to each query term. An index is **searched** using the query **term** for index entries having **weights** higher than a specified weight, when number of entries in a ranking list storing a score and record identifier are below a set value.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Database records ranking system;

(b) Article of manufacture for ranking records of database

USE - For ranking records of database in world wide web, wide and local area networks, or database of a single computer during operation of **search** engine.

ADVANTAGE - The ranking of the records according to the weight improves performance of the **search** engine greatly. The amount of **weight** which a high frequency **word** contributes to the **scores** of a web page is limited, and pages having large amount of low **weight words** are not promoted to the top list, enabling self-optimization of **search** engine depending on the query load.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of a **search** engine including an index.

pp; 44 DwgNo 2/26

Title Terms: DATABASE; RECORD; RANK; METHOD; RANK; RECORD; BASED; WEIGHT; INDEX; ENTER; FREQUENCY; OCCUR; RELATED; INFORMATION; CORRESPOND; QUERY; TERM

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

14/5/30 (Item 26 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013617938 **Image available**

WPI Acc No: 2001-102146/200111

XRPX Acc No: N01-075883

On-line query supporting method for e-com in Internet, involves mapping terms in super category to documents category and weighting terms in received query to rank and select relevant super category term from list

Patent Assignee: GTE LAB INC (SYLV)

Inventor: PONTE J

Number of Countries: 091 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200058863	A1	20001005	WO 2000US8450	A	20000330	200111 B
AU 200043280	A	20001016	AU 200043280	A	20000330	200111

Priority Applications (No Type Date): US 99283268 A 19990331; US 99282730 A 19990331

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200058863 A1 E 186 G06F-017/10

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200043280 A G06F-017/10 Based on patent WO 200058863

Abstract (Basic): WO 200058863 A1

NOVELTY - A list of super category terms that are linked to specific application is prepared based on the category of **documents** to be **searched** and the listed **terms** are mapped against **document** category. The category is retrieved based on terms in user input query. The query is then modified and **terms** in the query are **weighted** to determine most relevant super category term by ranking method.

DETAILED DESCRIPTION - The weighting of the modified query is performed by computing sum of **term** frequency and inverse **document** frequency of each **term** in the super category **terms** list. The inverse **document** frequency is set as high value, when terms appearing in the category is manually mapped against the super category, when compared to the terms that are automatically mapped. INDEPENDENT CLAIMS are also included for the following:

(a) computer program for ranking super categories used for **data query** ;

(b) program for **searching document** ;

(c) program for establishing super category terms list

USE - For displaying on-line **banner advertisements** for user

query for e-com in Internet.

ADVANTAGE - The user's query can be cached and subset or superset of cached data can be referred for subsequent queries which enhances the response for subsequent user queries.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of software links of on-line query tool.

pp; 186 DwgNo 4/71

Title Terms: LINE; QUERY; SUPPORT; METHOD; MAP; TERM; SUPER; CATEGORY; DOCUMENT; CATEGORY; WEIGHT; TERM; RECEIVE; QUERY; RANK; SELECT; RELEVANT; SUPER; CATEGORY; TERM; LIST

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/10

International Patent Class (Additional): G06F-005/14 ; G06F-017/30 ;

G06K-009/72; H04N-007/14

File Segment: EPI

14/5/33 (Item 29 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013427473 **Image available**

WPI Acc No: 2000-599416/200057

XRPX Acc No: N00-444467

Audio processing apparatus for general purpose computer system, calculates appearance likelihood of phoneme and syllable word , based on their score which are obtained from audio database

Patent Assignee: FUJI XEROX CO LTD (XERF)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000259645	A	20000922	JP 9958295	A	19990305	200057 B

Priority Applications (No Type Date): JP 9958295 A 19990305

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000259645	A		14	G06F-017/30	

Abstract (Basic): JP 2000259645 A

NOVELTY - Appearance likelihood of data rows is calculated on the basis of distribution and **score** of phoneme and syllable **words** obtained from audio database (12).

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for audio **data search** apparatus.

USE - For general purpose computer system used in enterprise, office, residence etc.

ADVANTAGE - Since appearance likelihood of phoneme and syllable **words** included in audio **data** is exactly calculated, **search** on audio **data** based on frequency of appearance, is performed accurately and reliably.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of audio **search** apparatus.

Audio database (12)

pp; 14 DwgNo 1/9

Title Terms: AUDIO; PROCESS; APPARATUS; GENERAL; PURPOSE; COMPUTER; SYSTEM; CALCULATE; APPEAR; PHONEME; SYLLABIC; WORD; BASED; SCORE; OBTAIN; AUDIO; DATABASE

Derwent Class: P86; T01; W04

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G10L-015/00; G10L-015/28

File Segment: EPI; EngPI

14/5/34 (Item 30 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013333072 **Image available**

WPI Acc No: 2000-505011/200045
XRPX Acc No: N00-373379

Context sensitive text message generation in assisted mail systems, involves calculating value of each context-sensitive templates by comparing set of searched words with that of keywords associated with templates

Patent Assignee: INTEL CORP (ITLC)

Inventor: TSO M M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6085201	A	20000704	US 96672855	A	19960628	200045 B

Priority Applications (No Type Date): US 96672855 A 19960628

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6085201	A	10	G06F-017/27	

Abstract (Basic): US 6085201 A

NOVELTY - A set of **search words** obtained from input **text** string are compared with a set of **keywords** having associated numeric **weight** value of each of the context-sensitive templates to calculate total weight value for each of the context sensitive templates. The context sensitive template corresponding contextually to the input text string is selected based on which a text message is generated.

DETAILED DESCRIPTION - A parser in input text processor decomposes input **text** string into that of **search words**. One of the context sensitive template having highest total weight value is identical and selected. An INDEPENDENT CLAIM is also included for template engine.

USE - For generating context-sensitive text messages for electronic mail applications in assisted mail systems in the field of text processing.

ADVANTAGE - Enhances ability of template engine to learn from continued use thereby adapting itself to user's preferences. Since the template engine increases the **weight** values associated with matched **keywords**, when a user elects to use a suggested template.

DESCRIPTION OF DRAWING(S) - The figure shows the flow chart of logic flow for generating context, sensitive text messages.

pp; 10 DwgNo 3/4

Title Terms: CONTEXT; SENSITIVE; TEXT; MESSAGE; GENERATE; ASSIST; MAIL; SYSTEM; CALCULATE; VALUE; CONTEXT; SENSITIVE; TEMPLATE; COMPARE; SET; **SEARCH**; WORD; KEYWORD; ASSOCIATE; TEMPLATE

Derwent Class: T01

International Patent Class (Main): G06F-017/27

File Segment: EPI

14/5/38 (Item 34 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012777036 **Image available**

WPI Acc No: 1999-583262/199950

XRPX Acc No: N99-430962

Generation of association files for categorizing text files

Patent Assignee: DIALOG CORP PLC (DIAL-N)

Inventor: FERNANDES L I; HAMMOND R

Number of Countries: 020 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2336700	A	19991027	GB 988808	A	19980424	199950 B
WO 9956222	A1	19991104	WO 99GB1212	A	19990421	199954
EP 1073974	A1	20010207	EP 99918127	A	19990421	200109
			WO 99GB1212	A	19990421	

Priority Applications (No Type Date): GB 988808 A 19980424

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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GB 2336700 A 60 G06F-017/30
WO 9956222 A1 E
Designated States (National): JP
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
MC NL PT SE
EP 1073974 A1 E G06F-017/30 Based on patent WO 9956222
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
LU MC NL PT SE

Abstract (Basic): GB 2336700 A

NOVELTY - Syntactic analysis is performed (602) on the sample files associated with a category (612) to identify **search terms**. A **weighting** value is then created for the **search terms** (605) with reference to sample **files** that are not associated with the category (611). The **search terms** and **weighting** factors are then used to generate a rule base used in the outline file.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for the apparatus used to generate machine readable association files.

USE - Text file classification in a **data** storage and **retrieval** system such as a database.

DESCRIPTION OF DRAWING(S) - Generation of an outline file.

Syntactic analysis to find **search terms** (602)

Weighting value calculation (605)

Sample files with no association to a category (611)

Sample files with association to a category (612)

pp; 60 DwgNo 6/32

Title Terms: GENERATE; ASSOCIATE; FILE; TEXT; FILE

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

14/5/40 (Item 36 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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012623051 **Image available**

WPI Acc No: 1999-429155/199936

XRPX Acc No: N99-319421

Contents similarity determining method for hypertext documents on internet

Patent Assignee: MANTRA TECHNOLOGIES INC (MANT-N)

Inventor: ARIEL H; CARMEL R; HILSEN RATH O A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5926812	A	19990720	US 9618800	A	19960620	199936 B
			US 97829451	A	19970328	

Priority Applications (No Type Date): US 9618800 P 19960620; US 97829451 A 19970328

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5926812	A		17	G06F-017/30	Provisional application US 9618800

Abstract (Basic): US 5926812 A

NOVELTY - A set of document extract entries are extracted from corresponding document set. Each entry comprises a **weighted word** histogram for corresponding **document**. A set of **word** clusters comprising cluster word list, total distance matrix and connection matrix are generated from the entries. A similarity degree is determined between the word clusters.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method for determining relevance of document contents.

USE - For **searching** hypertext **documents** on internet.

ADVANTAGE - Provides fast and accurate **searching** to identify **documents** of interest to particular user or users without any need for the user or users to specify the **search** criteria. Actively and

automatically alerts the user of local information related to present work.

DESCRIPTION OF DRAWING(S) - The figure shows schematic representation of data structure of total distance matrix and connection matrix.

pp; 17 DwgNo 12,13/16

Title Terms: CONTENT; SIMILAR; DETERMINE; METHOD; DOCUMENT

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

14/5/42 (Item 38 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012465941 **Image available**

WPI Acc No: 1999-272049/199923

XRPX Acc No: N99-203614

Search string input device for document retrieval system - has input unit which obtains reference word matrix from matrix generating unit and designation signal from user, and which outputs additional search string corresponding to designation signal

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11085794	A	19990330	JP 97248341	A	19970912	199923 B

Priority Applications (No Type Date): JP 97248341 A 19970912

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11085794	A	8	G06F-017/30	

Abstract (Basic): JP 11085794 A

NOVELTY - The search string input device has an input unit (103) which obtains a reference word matrix (113) from a matrix generating unit (101A) and a designation signal (114) input by the user, and which outputs an additional search string (115) corresponding to the designation signal. DETAILED DESCRIPTION - The matrix generating unit receives a word list (111) and a reference assembly (112) and records weight of arbitrary words in arbitrary reference. A matrix display unit (102) receives the reference word matrix and outputs it to a screen to show the user. An INDEPENDENT CLAIM is included for a recording medium in which a search string input program is recorded.

USE - For document retrieval system.

ADVANTAGE - Allows a suitable additional search string to be chosen while confirming visually whether the added search string appears in the document. DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the search-string input device. (101A) Matrix generating unit; (102) Matrix display unit; (103) Input unit; (111) Word list; (112) Reference assembly; (113) Reference word matrix; (114) Designation signal; (115) Additional search string.

Dwg.1/5

Title Terms: SEARCH ; STRING; INPUT; DEVICE; DOCUMENT; RETRIEVAL; SYSTEM; INPUT; UNIT; OBTAIN; REFERENCE; WORD; MATRIX; MATRIX; GENERATE; UNIT; DESIGNATED; SIGNAL; USER; OUTPUT; ADD; SEARCH ; STRING; CORRESPOND; DESIGNATED; SIGNAL

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

14/5/43 (Item 39 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012465916 **Image available**

WPI Acc No: 1999-272024/199923

XRFX Acc No: N99-203589

Document searching system with tag, for information retrieval system - includes search result output unit that outputs each searched document in order of each computed score which shows usefulness of each searched document

Patent Assignee: TOSHIBA KK (TOKE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11085765	A	19990330	JP 97242889	A	19970908	199923 B

Priority Applications (No Type Date): JP 97242889 A 19970908

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 11085765 A 13 G06F-017/30

Abstract (Basic): JP 11085765 A

NOVELTY - A search result output unit (2) outputs each searched document (4) in the order of each computed score. The score computed by a score calculation unit (11) shows the usefulness of each document searched using each weight of the tag which designates each paragraph containing the keyword of each searched document.

DETAILED DESCRIPTION - A document database with a tag (3) stores the paragraph to which each character row and applicable character row which are included in the position in the document, and each document of the paragraph to which each tag and applicable tag are included in each document belong. A search input unit (1) inputs the weight of the keyword and the tag which designate the character row, and applicable tag. A search processing unit (10) searches the document containing the paragraph which makes the keyword and tag as search conditions (18), investigates the document database and coincides on the applicable search conditions.

USE - For information retrieval system.

ADVANTAGE - Ensures computation of score using the weight of the tag even if the document is searched to a number of tags and keywords. Enables attachment of ranking, which is the degree of importance which the search person needs, to the document when a number of documents are searched. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the document searching system. (1) Search input unit; (2) Search result output unit; (3) Document database; (4) Document; (10) Search processing unit; (11) Score calculation unit; (18) Search conditions.

Dwg.1/8

Title Terms: DOCUMENT; SEARCH; SYSTEM; TAG; INFORMATION; RETRIEVAL; SYSTEM; SEARCH; RESULT; OUTPUT; UNIT; OUTPUT; SEARCH; DOCUMENT; ORDER; COMPUTATION; SCORE; SHOW; USEFUL; SEARCH; DOCUMENT

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

14/5/44 (Item 40 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012443955 **Image available**

WPI Acc No: 1999-250063/199921

XRFX Acc No: N99-186675

Audio input type searching method for electronic document of world wide web (WWW) on internet - involves specifying electronic document with highest degree of word essential according search weight after degree of word essential is determined based on search weight of specified search keyword

Patent Assignee: NTT DATA TSUSHIN KK (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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JP 11073419 A 19990316 JP 97232004 A 19970828 199921 B

Priority Applications (No Type Date): JP 97232004 A 19970828

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 11073419 A 9 G06F-017/30

Abstract (Basic): JP 11073419 A

NOVELTY - An electronic document with a highest degree of word essential according search weight is specified from predetermined number of electronic documents, used as search objects, after the degree of word essential showing either search weight or search keyword is determined based on the search weight of the search keyword specified from a word with relatively large search weight. DETAILED DESCRIPTION - The word with relatively large search weight is specified as the search keyword from predetermined number of words which are recognized from keyword information and whose search weights are merged when multiple recognition of identical word is performed. An INDEPENDENT CLAIM is also included for an audio input type electronic document searching apparatus.

USE - For electronic document of WWW on internet.

ADVANTAGE - Ensures highly precise and simple searching of electronic document by audio input. Improves searching accuracy of electronic document. Suppresses detection error since speech recognition is performed even to network service using communication device. DESCRIPTION OF DRAWING(S) - The figure shows the functional block diagram of the audio input type electronic document searching apparatus which applies the searching method.

Dwg.1/10

Title Terms: AUDIO; INPUT; TYPE; SEARCH; METHOD; ELECTRONIC; DOCUMENT; WORLD; WIDE; WEB; SPECIFIED; ELECTRONIC; DOCUMENT; HIGH; DEGREE; WORD; ESSENTIAL; ACCORD; SEARCH; WEIGHT; AFTER; DEGREE; WORD; ESSENTIAL; DETERMINE; BASED; SEARCH; WEIGHT; SPECIFIED; SEARCH; KEYWORD

Derwent Class: P86; T01; W04

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G06F-017/21; G06F-017/22;

G10L-003/00

File Segment: EPI; EngPI

14/5/45 (Item 41 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012431435 **Image available**

WPI Acc No: 1999-237543/199920

XRPX Acc No: N99-176815

Automatic acquisition system for user profile - has profile generating unit which produces profile of user based on keyword extracted from user document searched by document searching unit based on rate of appearance of keyword in user document

Patent Assignee: NTT DATA TSUSHIN KK (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11066081	A	19990309	JP 97217619	A	19970812	199920 B

Priority Applications (No Type Date): JP 97217619 A 19970812

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 11066081 A 12 G06F-017/30

Abstract (Basic): JP 11066081 A

NOVELTY - A profile generating unit (16) produces a user's profile based on the keyword extracted by a keyword extraction unit (12) from a user document searched by a document searching unit (11) based on the rate of appearance of the keyword in the user document. DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the

following:an information providing system; a profile acquisition method; a medium for automatic acquisition of profile.

USE - For user profile.

ADVANTAGE - Ensures easy acquisition of suitable profile of user registered in information providing system. DESCRIPTION OF DRAWING(S) - The figure shows the typical block diagram of the automatic acquisition system. (11) **Document searching** unit; (12) **Keyword extraction** unit; (16) Profile generating unit.

Dwg.1/7

Title Terms: AUTOMATIC; ACQUIRE; SYSTEM; USER; PROFILE; PROFILE; GENERATE; UNIT; PRODUCE; PROFILE; USER; BASED; KEYWORD; EXTRACT; USER; DOCUMENT; **SEARCH** ; DOCUMENT; **SEARCH** ; UNIT; BASED; RATE; APPEAR; KEYWORD; USER; DOCUMENT

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

14/5/48 (Item 44 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012166215 **Image available**

WPI Acc No: 1998-583127/199849

XRPX Acc No: N98-454356

Computer readable memory for distributed text information retrieval apparatus - stores terms in an order with respect to index of document , such that terms that most significantly contribute to document score, is determined

Patent Assignee: SPENCER G (SPEN-I)

Inventor: SPENCER G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5826261	A	19981020	US 96644302	A	19960510	199849 B

Priority Applications (No Type Date): US 96644302 A 19960510

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5826261	A		22	G06F-017/30	

Abstract (Basic): US 5826261 A

The memory has a normalization table (217) which specifies set of **terms** for each **document** in a database (103). Each **term** is associated with scalar measure of error contribution made by the **term** to the **document score** .

The scalar measure is a function of inverse **document** frequency of **terms** within the **document** . The **terms** are ordered with respect to index of documents by scale measure, such that a selected number of **terms** that most significantly contribute to **document** score, is determined.

ADVANTAGE - Provides control over degree of accuracy of **search** results. Shares small amount of **information** specific to each **query** . Uses shared **information** to synchronize multiple databases, to perform query and return of results.

Dwg.5/7

Title Terms: COMPUTER; READ; MEMORY; DISTRIBUTE; TEXT; INFORMATION; RETRIEVAL; APPARATUS; STORAGE; TERM; ORDER; RESPECT; INDEX; DOCUMENT; TERM; SIGNIFICANT; CONTRIBUTE; DOCUMENT; SCORE; DETERMINE

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

14/5/49 (Item 45 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012156324 **Image available**

WPI Acc No: 1998-573236/199849

XRPX Acc No: N98-446408

Similar document search apparatus - computes weight coefficient of searched common specific word in documents, using which similarity is computed, based on appearance position of word in documents

Patent Assignee: TOSHIBA COMPUTER ENG KK (TOSH-N); TOSHIBA KK (TOKE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10254894	A	19980925	JP 9756723	A	19970311	199849 B

Priority Applications (No Type Date): JP 9756723 A 19970311

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10254894	A		12	G06F-017/30	

Abstract (Basic): JP 10254894 A

The apparatus has an extractor which extracts words from an original comparison document and a sample document. A positional information storing unit stores the position of the extracted words in both the documents. A decision unit judges whether a common specific word exists in both the documents by referring to the contents of the storing unit.

A search unit searches for a word which is nearly equivalent to the specific word. A weight coefficient calculator computes a weight coefficient for the searched word based on its position. A similarity calculator computes similarity based on appearance position of the word in the documents, using the computed weight coefficient.

ADVANTAGE - Performs accurate similar document search.

Dwg.1/10

Title Terms: SIMILAR; DOCUMENT; SEARCH; APPARATUS; COMPUTATION; WEIGHT; COEFFICIENT; SEARCH; COMMON; SPECIFIC; WORD; DOCUMENT; SIMILAR; COMPUTATION; BASED; APPEAR; POSITION; WORD; DOCUMENT

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

14/5/50 (Item 46 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012140058

WPI Acc No: 1998-556970/199847

XRPX Acc No: N98-434224

Media articles e.g. newspaper articles searching method for insurance companies, financial institution - involves assigning weighting factor to each of keywords and scanning articles having greatest score related to predefined topic

Patent Assignee: HARTFORD FIRE INSURANCE CO (HART-N)

Inventor: DUKE-MORAN C R; WEINER S R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5819259	A	19981006	US 92992428	A	19921217	199847 B

Priority Applications (No Type Date): US 92992428 A 19921217

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5819259	A		28	G06F-015/00	

Abstract (Basic): US 5819259 A

The method involves listing a series of topics under which articles are classified according to desired information content. The listed topics are stored in a database and generating a series of keywords selected according to the desired information. The keywords are

associated with predefined topic and assigning tag to the associated topic and keyword to form a tagged word.

Then, weighting factor is assigned to each generated tag and provides **score** indicating **keywords** present in stored article in relation to the weighting factor and the tag. The articles are then selected having the greatest score as related to the predefined topic.

USE - For performing survey studies, actuarial studies for insurance, travel, financial institutions.

ADVANTAGE - Employs electronic **information retrieval** in combination with expert system thereby simplifying **searching** process.

Dwg.0/9

Title Terms: MEDIUM; ARTICLE; NEWSPAPER; ARTICLE; **SEARCH** ; METHOD;
INSURANCE; COMPANY; FINANCIAL; INSTITUTION; ASSIGN; WEIGHT; FACTOR;
KEYWORD; SCAN; ARTICLE; GREATER; SCORE; RELATED; PREDEFINED; TOPIC
Derwent Class: T01
International Patent Class (Main): **G06F-015/00**
File Segment: EPI

14/5/51 (Item 47 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011931069 **Image available**

WPI Acc No: 1998-347979/199830

XRPX Acc No: N98-271669

Database search record ranking method - involves assigning weights to record index entries according to frequency of information and parsing queries associated with index entries

Patent Assignee: DIGITAL EQUIP CORP (DIGI)

Inventor: BURROWS M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5765150	A	19980609	US 96695905	A	19960809	199830 B

Priority Applications (No Type Date): US 96695905 A 19960809

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5765150	A	42	G06F-017/30	

Abstract (Basic): US 5765150 A

The ranking method involves indexing the records of the database by storing index entries in a memory to create an index. Each index entry includes a word entry representing a unique portion of database information and one or more location entries indicating where the information occurs in the database

records. A weight is assigned to each index entry according to a relative frequency of occurrence of the information in the database. A query is parsed into terms and operators, each term associated with a corresponding index entry. Index entries are sequentially **searched** to locate database **records** qualified by the **terms** and operators of the query.

Each **located record** is scored according to the number of times portions of **information** corresponding to the **terms** of the **query** occur in each **record** and their associated weights. The scores and identities of the **located records** are stored in a ranking list, having a predetermined number of entries. In response to **searching** a predetermined fraction of the index, it is determined if any unlocated records of the database can receive a score higher than one of the records stored in the ranking list based on the index entries corresponding to the **terms** having a lowest **weight**. If not, the index is **searched** using only using the index entries having weights higher than the lowest weight.

ADVANTAGE - Maximises **search** of index query **terms** likely to provide **records** of interest to users.

Dwg.2/26

Title Terms: DATABASE; **SEARCH** ; RECORD; RANK; METHOD; ASSIGN; WEIGHT;

RECORD; INDEX; ENTER; ACCORD; FREQUENCY; INFORMATION; PARSE; QUERY;
ASSOCIATE; INDEX; ENTER
Derwent Class: T01
International Patent Class (Main): G06F-017/30
File Segment: EPI

14/5/52 (Item 48 from file: 350)
DIALOG(R) File 350: Derwent WPIX
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011885415 **Image available**
WPI Acc No: 1998-302325/199827
XRPX Acc No: N98-236901

Bilingual data searching apparatus for document translation -
judges weightage of each keyword corresponding to input sentence,
based on which searching is carried out

Patent Assignee: SHARP KK (SHAF)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10105555	A	19980424	JP 96254206	A	19960926	199827 B

Priority Applications (No Type Date): JP 96254206 A 19960926

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10105555	A	11	G06F-017/28	

Abstract (Basic): JP 10105555 A

The apparatus has a bilingual database (8) in which specific data corresponding to first and second languages are stored. The **keyword** of the bilingual **data** is stored in a **keyword** dictionary (7). The sentence to be **searched** corresponding to first language is requested to an input unit (1). The morphological analysis of the input sentence is performed by an analysis unit (2). A specific keyword is extracted from the dictionary, based on the analysis result.

The approximate conversion **data** containing the **keyword** or its synonym of the input sentence is extracted from the bilingual database, by a **searching** unit (4). The essential degree of the keyword is stored corresponding to each speech portion of the input **sentence**. The **weightage** of each **keyword** is judged by a judging unit (11). The **searching** is carried out corresponding to the output of judging unit, by a processing unit. The **searched** result is displayed in a display unit (5).

ADVANTAGE - Utilizes data effectively. Simplifies operation.
Improves **searching** efficiency.

Dwg.1/11

Title Terms: BILINGUAL; DATA; **SEARCH** ; APPARATUS; DOCUMENT; TRANSLATION;
JUDGEMENT; KEYWORD; CORRESPOND; INPUT; SENTENCE; BASED; **SEARCH** ; CARRY
Derwent Class: T01
International Patent Class (Main): G06F-017/28
International Patent Class (Additional): G06F-017/30
File Segment: EPI

14/5/53 (Item 49 from file: 350)
DIALOG(R) File 350: Derwent WPIX
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011864987 **Image available**
WPI Acc No: 1998-281897/199825
XRPX Acc No: N98-222432

Information processor with data searching function - includes
output display unit which carries out output display of data based on
output of request comparison rate sorting unit and data comparison rate
sorting unit

Patent Assignee: SHARP KK (SHAF)
Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10097545	A	19980414	JP 96249645	A	19960920	199825 B

Priority Applications (No Type Date): JP 96249645 A 19960920

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10097545	A	9	G06F-017/30	

Abstract (Basic): JP 10097545 A

The processor includes an input unit (1) which inputs a **search** request signal by an user. A keyword extract unit (2) performs **search** type keyword extract based on input **search** request signal. A **keyword** for indicating contents to each **data** of a database is stored in a **keyword** database. A **data** comparator (4) compares the **search** type **keyword** and **data** **keyword** of **keyword** database.

A **search** request comparison rate sorting unit (5) computes **search** request comparison **rate** based on **search** request **keyword**. A **data** comparison **rate** sorting unit (6) computes **data** comparison **rate** based on **data** **keyword**. An output display unit (7) that carries out output display of data based on output of request comparison rate sorting unit and data comparison rate sorting unit.

ADVANTAGE - Enables output of data without redundant **information** after satisfying many **search** requests.

Dwg.1/8

Title Terms: INFORMATION; PROCESSOR; DATA; **SEARCH** ; FUNCTION; OUTPUT; DISPLAY; UNIT; CARRY; OUTPUT; DISPLAY; DATA; BASED; OUTPUT; REQUEST; COMPARE; RATE; SORT; UNIT; DATA; COMPARE; RATE; SORT; UNIT

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

14/5/55 (Item 51 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011804981 **Image available**

WPI Acc No: 1998-221891/199820

XRFX Acc No: N98-175748

Information retrieving **apparatus** connected to database - in which **information** is provided to user based on adaptation score which guesses user's degree of interest corresponding to **information** to be retrieved

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10063679	A	19980306	JP 96222222	A	19960823	199820 B

Priority Applications (No Type Date): JP 96222222 A 19960823

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10063679	A	9	G06F-017/30	

Abstract (Basic): JP 10063679 A

The apparatus includes a module (5) which holds first **weightage** of first **keyword** which is **obtained** from attribute **data** of **information** to be offered to an user. The keyword is input to indicate the degree of interest of user corresponding to **information** to be acquired. A second **keyword** which is included in the same **information** is compared with the first **keyword** and the degree of coincidence of the two keywords is computed.

The computed degree of coincidence is then stored. Based on keyword stored in the module and the degree of coincidence, a second weightage is computed. The two weightages are used and the adaptation score which is a guess corresponding to the degree of user's interest, is computed. Based on the adaptation score, an **information** is offered to the user.

ADVANTAGE - Eliminates need for input of **search** key. Offers large range of information according to user's interest.

Dwg.1/9

Title Terms: INFORMATION; RETRIEVAL; APPARATUS; CONNECT; DATABASE;
INFORMATION; USER; BASED; ADAPT; SCORE; GUESS; USER; DEGREE; INTEREST;
CORRESPOND; INFORMATION; RETRIEVAL

Derwent Class: T01

International Patent Class (Main): **G06F-017/30**

File Segment: EPI

14/5/56 (Item 52 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011614986 **Image available**

WPI Acc No: 1998-032114/199803

Related WPI Acc No: 1997-011533

XRPX Acc No: N98-025874

Similarity coefficient generation method - determining text relevance by designating common meanings to each word in query and each word in document, weighting semantic components and ranking different documents in sequential order according to their relevance

Patent Assignee: UNIV CENT FLORIDA (UYFL-N)

Inventor: DRISCOLL J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5694592	A	19971202	US 93148688	A	19931105	199803 B
			US 95520027	A	19950828	

Priority Applications (No Type Date): US 93148688 A 19931105; US 95520027 A 19950828

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5694592	A	21	G06F-017/30	Div ex application US 93148688 Div ex patent US 5576954

Abstract (Basic): US 5694592 A

The method involves branching out the meanings of each and every word in a natural word query into respective probabilities of occurrence for each of the meanings. The meanings of a **word** in a **document searched** by the natural **word** query are branched into respective probabilities of occurrence for each of the meanings of the words. A similarity coefficient between the probabilities of occurrence of words in the natural language query and the probabilities of occurrence of the **words** in the **document** is determined.

The process is performed for each additional **document searched** by the natural language **query**. The **documents** are then ranked in order of their similarity coefficients without parsing or removing any words from the natural language **query** and the **document**. The meanings of a **word** include definitions and senses.

USE - Collections of legal and medical documents, news stories and patents.

ADVANTAGE - **Document retrieval** is enhanced by determining text relevancy. Allows use of natural language for **search** query without having to create synonyms for each **search query**. Reduces number of **documents** that must be read during **search** to answer query.

Dwg.2/15

Title Terms: SIMILAR; COEFFICIENT; GENERATE; METHOD; DETERMINE; TEXT;
RELEVANT; DESIGNATED; COMMON; MEANING; WORD; QUERY; WORD; DOCUMENT;
WEIGHT; COMPONENT; RANK; DOCUMENT; SEQUENCE; ORDER; ACCORD; RELEVANT

Derwent Class: T01

International Patent Class (Main): **G06F-017/30**

File Segment: EPI

14/5/60 (Item 56 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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011033609 **Image available**
WPI Acc No: 1997-011533/199701
Related WPI Acc No: 1998-032114
XRPX Acc No: N97-010113

Determining text relevancy for retrieval of text documents by search queries - determines common meanings between words in query and words in document, calculates weights for semantic components in query and in documents, multiplies weights together, sums products to form similarity coefficient and sorts documents

Patent Assignee: UNIV CENT FLORIDA (UYFL-N)
Inventor: DRISCOLL J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5576954	A	19961119	US 93148688	A	19931105	199701 B

Priority Applications (No Type Date): US 93148688 A 19931105

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5576954	A		67	G06F-017/30	

Abstract (Basic): US 5576954 A

The common meanings between each word are determined in the query and each **word** in the **document**. An adjustment is made for **words** in the query that are not in the documents. Weights are calculated for both the semantic components in the query and the semantic components in the documents. These weights are multiplied together, and their products are subsequently added to one another to determine a real value number (similarity coefficient) for each document.

Finally, the documents are sorted in sequential order according to their real value number from largest to smallest value. Documents are routed to topics/headings by filtering. The importance of each **word** in both topics and **documents** are calculated. Then, the real value number, similarity coefficient, for each document is determined. Then, each document is routed one at a time according to their respective real value numbers to one or more topics. Finally, once the **documents** are **located** with their topics, the documents can be sorted.

USE/ADVANTAGE - System helps user intelligently and rapidly **locate information** found in large textual databases.

Dwg.2/15

Title Terms: DETERMINE; TEXT; RETRIEVAL; TEXT; DOCUMENT; **SEARCH** ; QUERY;
DETERMINE; COMMON; MEANING; WORD; QUERY; WORD; DOCUMENT; CALCULATE;
WEIGHT; COMPONENT; QUERY; DOCUMENT; MULTIPLICATION; WEIGHT; SUM; PRODUCT;
FORM; SIMILAR; COEFFICIENT; SORT; DOCUMENT

Derwent Class: T01

International Patent Class (Main): **G06F-017/30**

File Segment: EPI

17/5/29 (Item 29 from file: 347)
DIALOG(R)File 347:JAPIO
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06144236 **Image available**
INFORMATION PROCESSOR, INFORMATION PROCESSING METHOD AND STORAGE MEDIUM

PUB. NO.: 11-085776 [JP 11085776 A]
PUBLISHED: March 30, 1999 (19990330)
INVENTOR(s): IKEDA YUJI
ITO SHIRO
UEDA TAKANARI
APPLICANT(s): CANON INC
APPL. NO.: 09-236979 [JP 97236979]
FILED: September 02, 1997 (19970902)
INTL CLASS: G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To execute retrieval by considering significance given in the **document** of a **retrieval character string**.

SOLUTION: A **character string** significance calculation part 104 calculates significance in the **document** of the **retrieval character string** held by a **retrieval character string** holding part 101. A **score** calculation part 103 calculates ambiguity between the retrieval character string and a character string to be retrieved based on similarity among the calculated result of the character string significance calculation part 104, the retrieval character string and the character string to be retrieved. An ambiguity retrieval part 102 extracts the character position of the retrieved character string exceeding a similarity threshold in the calculated result of the score calculation part 103 as the retrieved result and holds the retrieved result in a retrieved result holding part 105.

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17/5/31 (Item 31 from file: 347)
DIALOG(R)File 347:JAPIO
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06131881 **Image available**
METHOD AND DEVICE FOR **RETRIEVING** ELECTRONIC **DOCUMENT**

PUB. NO.: 11-073419 [JP 11073419 A]
PUBLISHED: March 16, 1999 (19990316)
INVENTOR(s): SHIROTSUKA OTOYA
APPLICANT(s): N T T DATA KK
APPL. NO.: 09-232004 [JP 97232004]
FILED: August 28, 1997 (19970828)
INTL CLASS: G06F-017/30 ; G06F-017/22 ; G06F-017/21 ; G10L-003/00;
G10L-003/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide a **document retrieving** device capable of highly accurately **retrieving** an electronic **document** suited to a **retrieving** purpose by a voice input.

SOLUTION: Recognition tolerance and recognition time are applied to one or plural keyword candidates recognized from an input voice. An weighting **information** applying part 22 calculates **retrieving weight** in each **keyword** candidate from the recognition tolerance and time elapsed from the recognition time. A **word** merging part 24 merges **retrieving weight** values as to identical **keyword** candidates. A word determination part 25 specifies a **keyword** candidate having the highest **retrieving weight** as a **retrieving keyword** and outputs the specified candidate to a document management part 30. The management part 30 calculates **retrieving weighted word** importance in each electronic **document** based on the **retrieving**

keyword and retrieves an electronic document having the highest
retrieving weighted word importance from an electronic document DB
40.

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17/5/32 (Item 32 from file: 347)
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06103744 **Image available**

DOCUMENT RETRIEVAL DEVICE AND COMPUTER READABLE RECORDING MEDIUM
RECORDED WITH PROGRAM FOR FUNCTIONING COMPUTER AS THE DEVICE

PUB. NO.: 11-045267 [JP 11045267 A]
PUBLISHED: February 16, 1999 (19990216)
INVENTOR(s): UKIKAWA KAZUNOBU
UKIKAWA HATSUKO
TAKATO ATSUSHI
ARAI YOSHIYA
APPLICANT(s): JUST SYST CORP
APPL. NO.: 09-201984 [JP 97201984]
FILED: July 28, 1997 (19970728)
INTL CLASS: G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To contribute to information analysis and the
creation of a new value.

SOLUTION: A retrieval server 103 is provided with a retrieval software 105
for inputting retrieval conditions from a client 100, retrieving a
pertinent document, extracting a noun phrase from the document of a
retrieved result, imparting a score corresponding to statistic
information such as an appearing frequency and distribution, etc., in the
document of the retrieved result and the document of a retrieval
object and extracting the noun phrase of the score pertinent to
extraction conditions set beforehand as the relating word of the retrieval
conditions and a retrieved result history management software 106 for
storing and managing at least the retrieval conditions, the retrieved
result by a retrieval means, the relating word extracted in a relating word
extraction means and a date on which the retrieval is performed as
retrieved result history. In this case, the client 100 reads the retrieved
result history managed by the retrieved result history management software,
displays it on a screen and performs the retrieval and analyzes
information by utilizing the retrieved result history.

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17/5/33 (Item 33 from file: 347)
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06103743 **Image available**

DOCUMENT RETRIEVAL DEVICE AND COMPUTER READABLE RECORDING MEDIUM
RECORDED WITH PROGRAM FOR FUNCTIONING COMPUTER AS THE DEVICE

PUB. NO.: 11-045266 [JP 11045266 A]
PUBLISHED: February 16, 1999 (19990216)
INVENTOR(s): TAKATO ATSUSHI
APPLICANT(s): JUST SYST CORP
APPL. NO.: 09-201983 [JP 97201983]
FILED: July 28, 1997 (19970728)
INTL CLASS: G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To automatically extract a noun phrase relating to

retrieval conditions used at the time of **retrieval** from a **document** obtained by the **retrieval** and to register it to a thesaurus dictionary for the retrieval.

SOLUTION: This device selects a synonym corresponding to the inputted retrieval conditions 206 from the thesaurus dictionary 203 for the retrieval, extends the retrieval conditions 206 and **retrieves** a pertinent **document**. In this case, it is provided with a natural language processing module 200 for inputting the **document** **retrieved** in a **retrieval** engine 209 based on the inputted **retrieval** conditions 206 and generating a **document** set 204 including a noun **phrase** list in the inputted **document** and a relating **word** extraction engine 211 for inputting the document set 204, imparting a score corresponding to statistic information such as an appearing frequency and distribution, etc., in the document in a **document** DB 101 and the **document** **retrieved** in the **retrieval** engine 209 to the respective noun phrases, extracting the noun **phrase** of the **score** pertinent to selection conditions set beforehand and registering it to the thesaurus dictionary 203.

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17/5/34 (Item 34 from file: 347)
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06097818 **Image available**
DOCUMENT RETRIEVAL DEVICE

PUB. NO.: 11-039337 [JP 11039337 A]
PUBLISHED: February 12, 1999 (19990212)
INVENTOR(s): NOMOTO MASAKO
NOGUCHI NAOHIKO
SUGANO YUJI
SATO MITSUHIRO
INABA MITSUAKI
FUKUSHIGE TAKAO
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD
APPL. NO.: 09-198120 [JP 97198120]
FILED: July 24, 1997 (19970724)
INTL CLASS: G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To show the effectiveness of a word and cooccurrence which are designated and to accurately **retrieve** a **document** which is closer to a **retrieval** intention by extracting an attribute about an appearance tendency as well as a **word** and cooccurrence from a **document**.
SOLUTION: An input analyzing means 19 analyzes a retrieval condition, segments a word and presents cooccurrence consisting of words that have specific cooccurrence relation to a user. A word collating means 21 collates each word that is extracted from the retrieval condition with a word stored in a word frequency storing means 16 based on respective **weights** of a **word** designated by the user and its appearance positional level. A cooccurrence information collating means 22 collates cooccurrence extracted from the retrieval condition with a cooccurrence frequency storing means 17 based on respective weights of cooccurrence designated by the user, its appearance positional level and its cooccurrence level. A document order deciding means 23 integrates collation results that are performed by the means 21 and 22 in a document unit, decides the order of each document and presents a result to the user through an input- output controlling means.

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06083604 **Image available**

**INFORMATION RETRIEVING METHOD AND SYSTEM AND STORAGE MEDIUM STORING
INFORMATION RETRIEVING PROGRAM**

PUB. NO.: 11-025118 [JP 11025118 A]
PUBLISHED: January 29, 1999 (19990129)
INVENTOR(s): OKUDA HIDENORI
ITO TATSUAKI
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT>;
APPL. NO.: 09-184052 [JP 97184052]
FILED: July 09, 1997 (19970709)
INTL CLASS: G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To provide an **information retrieving** method and system capable of automatically **retrieving data** related to user's taste among **information retrieving** systems without allowing a user to input a keyword, and to provide also a storage medium storing an **information retrieving** program.

SOLUTION: In the proposed method, a **keyword** and the **weight** of the **keyword** are recorded in a storage means in each user, a **data** base is **retrieved** (S1), a **keyword** in a group of a **keyword** acquired by **retrieval** and an **information** source identifier(ID) are specified (S2), and when the specified **keyword** does not exist in the **record** of the storage means, the **keyword** is added to the storage means (S3). When the keyword has been already recorded in the storage means, the **weight** of the **keyword** is added (S4). In the case of registering the information source ID of new information to be newly stored in an information providing server and at least one **keyword** in the **data** base, a user having recorded a keyword to be annexed to the new information in the storage means and having **weight** of the **keyword** exceeding a prescribed threshold is extracted.

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17/5/37 (Item 37 from file: 347)

DIALOG(R)File 347:JAPIO

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05939440 **Image available**

DOCUMENT RETRIEVING METHOD, DEVICE AND RECORDING MEDIUM

PUB. NO.: 10-222540 [JP 10222540 A]
PUBLISHED: August 21, 1998 (19980821)
INVENTOR(s): NAKAJIMA HIROYUKI
KITANI TSUYOSHI
APPLICANT(s): N T T DATA TSUSHINKK [000000] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 09-330453 [JP 97330453]
FILED: December 01, 1997 (19971201)
INTL CLASS: [6] G06F-017/30
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

ABSTRACT

PROBLEM TO BE SOLVED: To provide a **document retrieving** device which improves the processing speed of **document retrieval**.

SOLUTION: An extended document entry dictionary 13 stores the document number and weight of a related **document** in each **keyword**. The correspondence of a **keyword** and a **document** number is preliminarily undergone thesaurus expansion. When a document association degree deciding part 11 inputs a set of a **retrieving keyword** and **weight**, a **document** entry **retrieving** part 12 reads the **document** number and weight that correspond to an inputted retrieving keyword from the dictionary 13. The part 11 calculates the degree of association of a **retrieving keyword** and a **document** in each read document number and outputs a document

number in order of the degree of association.

17/5/38 (Item 38 from file: 347)
DIALOG(R)File 347:JAPIO
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05822471 **Image available**
RETRIEVAL SYSTEM

PUB. NO.: 10-105571 [JP 10105571 A]
PUBLISHED: April 24, 1998 (19980424)
INVENTOR(s): YOKOTA TOSHIMI
GUNJI KEIKO
KUZUNUKI SOSHIRO
MIURA MASAKI
KATSURA AKIHIRO
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 08-261936 [JP 96261936]
FILED: October 02, 1996 (19961002)
INTL CLASS: [6] G06F-017/30
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD:R011 (LIQUID CRYSTALS)

ABSTRACT

PROBLEM TO BE SOLVED: To display the retrieved result in a format according to the intention of retrieval more by displaying the retrieved results while rearranging them according to the weight or priority set concerning plural keys.

SOLUTION: When a system is started, a main processing part a5 displays a menu on an LCD a2. When a book retrieval menu is selected on the menu, book retrieval processing is instructed to a book retrieval processing part a10 and with plural **character** strings as the keys of **retrieval**, **information** stored in a **data** base is **retrieved**. Namely, plural **character** strings inputted by the user and the **weight** or priority of respective **character** strings are accepted and with the plural accepted character strings as the respective keys of **retrieval**, the **information** stored in the **data** base is **retrieved**. Then, a candidate rank as ranking to be outputted as the **retrieved** result of respective **retrieved** **information** is defined as ranking according to the **weight** or priority of the **character** string used as the key of **retrieval** for **retrieving** that **information**.

17/5/39 (Item 39 from file: 347)
DIALOG(R)File 347:JAPIO
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05814445 **Image available**
INFORMATION PROCESSOR

PUB. NO.: 10-097545 [JP 10097545 A]
PUBLISHED: April 14, 1998 (19980414)
INVENTOR(s): TANANO HIROSHI
APPLICANT(s): SHARP CORP [000504] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 08-249645 [JP 96249645]
FILED: September 20, 1996 (19960920)
INTL CLASS: [6] G06F-017/30
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

ABSTRACT

PROBLEM TO BE SOLVED: To judge similarity to a user's **retrieval** request among **data** which are equal in request matching rate by enabling an **information** processor which **retrieves** **data** stored in a **data**-base, thereby calculating a request matching rate in consideration of the

matching of a synonymous key word and a request matching rate in consideration of the importance of an individual key word.

SOLUTION: This information processor is equipped with a request matching rate sorting part 5 which calculates the request matching rate of a key word present in extracted data as the rate of a retrieval request key word and rearranges it in decreasing order and also equipped with a data matching rate sorting part 6 which further calculates the data matching rate of a key word that each data has as the rate that a retrieval request key word is included and rearranges it in decreasing order, and outputs and displays data by an output means 7 in order from data which is as close to a user's request as possible and has small redundant information.

17/5/40 (Item 40 from file: 347)

DIALOG(R)File 347:JAPIO

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05766449 **Image available**

DOCUMENT RETRIEVING DEVICE

PUB. NO.: 10-049549 [JP 10049549 A]

PUBLISHED: February 20, 1998 (19980220)

INVENTOR(s): INABA MITSUAKI

NOGUCHI NAOHIKO

SUGANO YUJI

SATO MITSUHIRO

NOMOTO MASAKO

YASUKAWA HIDEKI

APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 09-087328 [JP 9787328]

FILED: March 24, 1997 (19970324)

INTL CLASS: [6] G06F-017/30

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

ABSTRACT

PROBLEM TO BE SOLVED: To provide a document retrieving device capable of shortening the overall retrieving time including highly accurate retrieval and convergence.

SOLUTION: A frequency score calculating means 308 calculates a frequency score indicating a matching degree between a document and a retrieval request by word frequency from the total number of documents, the number of documents in which a certain word appears, the appearance frequency of the word in each document, and the weighting parameter of the word which are outputted from a word frequency calculating means 307 and a document score calculating means 309 calculates a document score indicating a matching degree between the document and the retrieving request from the frequency score and orders the score, so that a retrieving result more close to a user's retrieving intension can be obtained.

17/5/41 (Item 41 from file: 347)

DIALOG(R)File 347:JAPIO

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05667529 **Image available**

INFORMATION RETRIEVAL DEVICE

PUB. NO.: 09-282329 [JP 9282329 A]

PUBLISHED: October 31, 1997 (19971031)

INVENTOR(s): KUBO TAKEHIRO

APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 08-094355 [JP 9694355]

FILED: April 16, 1996 (19960416)

INTL CLASS: [6] G06F-017/30

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

ABSTRACT

PROBLEM TO BE SOLVED: To **retrieve** the **information** with high efficiency by selecting the **weight** of **weighted** **key words** based on a threshold to **retrieve** the relative **information** with a single **key word** and using no **key words** of lower **weight** for the retrieval.

SOLUTION: A **key word** selection means 8 contained in an **information retrieval** device 5 is previously set at the threshold to the **weighting** of a **key word** of the relative **information** for **retrieval** of **information**. When the threshold of the means 8 is set at 0.5, for example, a **weighted** **key word** 7 is inputted from a memory 6 and the **weighting** value is compared with the threshold. Then, the **key words** of the **weighting** value smaller than the threshold value of 0.5 are excluded, and a selected **weighted** **key word** 9 is outputted for **retrieval** of **information**. In such a way, only the **key words** having the **weighting** value larger than the threshold of 0.5 are selected and the **key words** having the **weighting** value smaller than the threshold of 0.5 are not used. As a result, the **information** can be **retrieved** with high efficiency.

17/5/44 (Item 44 from file: 347)
DIALOG(R) File 347:JAPIO
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05538251 **Image available**
SIMILAR DOCUMENT RETRIEVAL METHOD

PUB. NO.: 09-153051 [JP 9153051 A]
PUBLISHED: June 10, 1997 (19970610)
INVENTOR(s): MIZUTANI NATSUKO
KAWAGUCHI HISAMITSU
HATAKEYAMA ATSUSHI
TADA KATSUMI
KATO KANJI
ASAKAWA SATOSHI
AZUMA AKIO

APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 07-310325 [JP 95310325]
FILED: November 29, 1995 (19951129)
INTL CLASS: [6] G06F-017/30
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

ABSTRACT

PROBLEM TO BE SOLVED: To realize high-speed and low-noise relevance feedback even in the case of a document data base of the Japanese language or the like having a large number of character types.

SOLUTION: Frequencies in appearance of prescribed partial **character strings**, which exist in a **text** 103 in an object text data base, in the text are stored as an appearance frequency **file** 106. **Weights** of these partial **character strings** are calculated by a **weight** calculation program 117 and are stored as a **weight file** 105. Partial **character strings** whose **weights** meet a prescribed reference are extracted from the text designated by a user. The appearance frequency files 106 and the weight file 105 are used to calculate similarities to the text designated by the user, and calculated similarities are used to **retrieve** documents

17/5/45 (Item 45 from file: 347)
DIALOG(R) File 347:JAPIO
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05379722 **Image available**

*good
Weighted key words*

COMPUTER DEVICE WITH SIMILAR DOCUMENT AND DOCUMENT RETRIEVAL FUNCTION

PUB. NO.: 08-335222 [JP 8335222 A]
PUBLISHED: December 17, 1996 (19961217)
INVENTOR(s): MARUYAMA TADASHI
FUJINAWA AKIO
SAITO FUMIHIRO
APPLICANT(s): FUJI ELECTRIC CO LTD [000523] (A Japanese Company or Corporation), JP (Japan)
FUJI FACOM CORP [470926] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 07-141470 [JP 95141470]
FILED: June 08, 1995 (19950608)
INTL CLASS: [6] G06F-017/30
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

ABSTRACT

PURPOSE: To make a computer **retrieve** and output a **document** (instance **document**) which is similar to an original input document and simple and can transmit information better.

CONSTITUTION: Many instance documents are stored in a document data base DB1 in advance. When the original document is inputted to the computer (1), the computer **retrieves terms** in the input **document** (2) by referring to a **term dictionary file** F1 to **retrieve a document** having the same **terms** as those **terms** in the input **document** from the document database DB1 (3). A document having a higher **rate** (similarity) at which the same **terms** as those **terms** of the input **document** are included is selected and outputted.

17/5/47 (Item 47 from file: 347)
DIALOG(R)File 347:JAPIO
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05293841 **Image available**

DOCUMENT STORAGE AND RETRIEVAL DEVICE FOR DOCUMENT DATA BASE

PUB. NO.: 08-249341 [JP 8249341 A]
PUBLISHED: September 27, 1996 (19960927)
INVENTOR(s): HAMAMURA SEIICHI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 07-048359 [JP 9548359]
FILED: March 08, 1995 (19950308)
INTL CLASS: [6] G06F-017/30
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

ABSTRACT

PURPOSE: To provide a **retrieval** device which registers and **retrieves data** efficiently and is high in hit **rate** by extracting a key **word** from **document data** and registering a representative **word** which the key **word** belongs to, together with the **document data** when the document data are registered in the document data base.

CONSTITUTION: This device consists of a document data file accepting means 11 which accepts the **document data**, a key **word file** 22 in which key **words** and representative words of the key words are registered, a key word **retrieval** means 12 which **retrieves the document data** by using the key **word file** 22, a **data** storage means 13 which stores the **document data** and representative **words**, and a **document retrieval** means 15 which replacing a retrieval key word inputted by a user with the representative word by referring to the key **word file** to perform **retrieval** from the **document data** base, and displays the result on a document display means 23.

17/5/48 (Item 48 from file: 347)

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05182398 **Image available**
DOCUMENT RETRIEVAL DEVICE

PUB. NO.: 08-137898 [JP 8137898 A]
PUBLISHED: May 31, 1996 (19960531)
INVENTOR(s): WASHISAKI SEIJI
 OKU MASAHIRO
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese
 Company or Corporation), JP (Japan)
APPL. NO.: 06-273437 [JP 94273437]
FILED: November 08, 1994 (19941108)
INTL CLASS: [6] G06F-017/30
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

ABSTRACT

PURPOSE: To provide the **document retrieval** device which performs accurate **retrieval** by reducing omissions at retrieval time as much as possible.

CONSTITUTION: The position of a retrieval key inputted from a retrieval key word input part in a concept network 8 is determined and a word or phrase which is related is retrieved by a key word extension part 3 according to the determined word or phrase and employed as an additional key word; and the key word is given a priority level by a key word priority level granting part 3 according to the relativity stored in the concept network 8 for the key word and a **retrieval object document** is **retrieved** by using the key word given the priority level and a retrieval execution part 5 calculates how many times each key word match a word in the **retrieval object document**. A **document** grading part 6 grades the document on the basis of the frequency of coincidence, the **documents** **graded** corresponding to respective key words are totalized on the basis of the priority levels of all the key words, and the precision of the key words is ranked by a **document** ranking part 7.

17/5/50 (Item 50 from file: 347)
DIALOG(R)File 347:JAPIO
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04751967 **Image available**
DOCUMENT RETRIEVAL DEVICE

PUB. NO.: 07-044567 [JP 7044567 A]
PUBLISHED: February 14, 1995 (19950214)
INVENTOR(s): SATO OSAMU
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
 (Japan)
APPL. NO.: 05-188243 [JP 93188243]
FILED: July 29, 1993 (19930729)
INTL CLASS: [6] G06F-017/30
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.2
 (INFORMATION PROCESSING -- Memory Units)

ABSTRACT

PURPOSE: To provide a **document retrieval** device capable of obtaining an absolutely sufficient retrieved result with the retrieval of one time by **retrieving** similar **documents** from a **document data** base with the **document** itself as a **retrieval** key.

CONSTITUTION: This **document retrieval** device is constituted of a retrieval key word set generation means 2 for analyzing an input **document** 1 and generating a **retrieval** key word set 3 for which weighing corresponding to document component elements is performed and a **document retrieval** means for **retrieving** the **document data** base based on the **retrieval** key word set 3, calculating the weight of respective matched

key words for each document obtained as a result and obtaining cumulative weight for the document of the retrieved result. Since the cumulative weight indicating the degree of similarity with the input document is added to the retrieved result, a user can efficiently select the retrieved result by referring to it.

17/5/51 (Item 51 from file: 347)

DIALOG(R)File 347:JAPIO

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04700600 **Image available**

DATA BASE RETRIEVAL DEVICE

PUB. NO.: 07-021200 [JP 7021200 A]

PUBLISHED: January 24, 1995 (19950124)

INVENTOR(s): MORI MASAHITO

APPLICANT(s): SONY CORP [000218] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 05-147199 [JP 93147199]

FILED: June 18, 1993 (19930618)

INTL CLASS: [6] G06F-017/30 ; G10L-003/00

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 30.2
(MISCELLANEOUS GOODS -- Sports & Recreation); 34.4 (SPACE
DEVELOPMENT -- Communication); 42.5 (ELECTRONICS --
Equipment)

JAPIO KEYWORD: R108 (INFORMATION PROCESSING -- Speech Recognition &
Synthesis)

ABSTRACT

PURPOSE: To improve the recognition rate of an index word which is inputted in voice by predicting an index word to be inputted by voice next on the basis of information on the distance between an index word corresponding to information retrieved last by a retrieval part and an index word corresponding to information that is retrieved before a prescribed certain numbers of pieces of information.

CONSTITUTION: When a place name is inputted as an index word from the microphone 1 of a navigation system by voice a map of the periphery of the place name is retrieved in a data base 5 and displayed on a display part 8. A control part 6 calculates the present place on the basis of a radio wave from a GPS which is received by an antenna 9 and displays it on the display part 8. A prediction part 4 calculates the distance between the position of the place name corresponding to a map retrieved last by the retrieved part 3 and the position of a place name corresponding to a map that is retrieved before a prescribed certain number of maps and extracts place names included in an arrival range on the basis of the distance to predict the place name to be inputted next by vocalization.

17/5/53 (Item 53 from file: 347)

DIALOG(R)File 347:JAPIO

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04360684 **Image available**

TEXT RETRIEVER

PUB. NO.: 06-004584 [JP 6004584 A]

PUBLISHED: January 14, 1994 (19940114)

INVENTOR(s): KARASHI IKUO

KANZA HIROYUKI

MARUYAMA NAOTOSHI

INUI TAKAO

APPLICANT(s): SHARP CORP [000504] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 04-166259 [JP 92166259]

FILED: June 24, 1992 (19920624)

INTL CLASS: [5] G06F-015/40

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1724, Vol. 18, No. 200, Pg. 114,
April 07, 1994 (19940407)

ABSTRACT

PURPOSE: To provide a **text retriever** capable of reducing burden on a retriever when the retriever is used and improving retrieval accuracy.

CONSTITUTION: This retriever includes a retrieval request input part 1, a significant word extraction part 2, a plural **character string** retrieval part 4, a **weight** correction part 6, and a record evaluation display part 7. When the retriever inputs a **retrieval request text** via the input part 1, the extraction part 2 and the correction part 6 extract a retrieval significant **word** from the **text**, and also, and the **weight** of each significant **word** is set low for the word used uniformly in a **retrieval target text**, and high for the one used nonuniformly. Then, the retrieval part 4 and the display part 7 extract a record with high similarity from the **retrieval target text** based on distance(similarity) between the vector of frequency in use of each significant **word** in each **record** of the **retrieval target text** and that of **weight** of each significant word, therefore, the **record** relating to a **retrieval request** in point of **content** can be **obtained** easily and with high accuracy.

17/5/54 (Item 54 from file: 347)
DIALOG(R) File 347:JAPIO
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04350555 **Image available**

DOCUMENT RETRIEVING METHOD/DEVICE USING SYNTAX INFORMATION OF NATURAL LANGUAGE

PUB. NO.: 05-342255 [JP 5342255 A]
PUBLISHED: December 24, 1993 (19931224)
INVENTOR(s): MAKI HIDEYUKI
MATSUBA IKUO
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 04-177378 [JP 92177378]
FILED: June 11, 1992 (19920611)
INTL CLASS: [5] G06F-015/38 ; G06F-015/18 ; G06F-015/40 ; G06F-015/40

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 30.2
(MISCELLANEOUS GOODS -- Sports & Recreation)
JOURNAL: Section: P, Section No. 1719, Vol. 18, No. 184, Pg. 9, March
29, 1994 (19940329)

ABSTRACT

PURPOSE: To reduce the skip of retrieving owing to different inscription and a synonym and a retrieving noise owing to the accident of gathering specified **character strings** in full **text** research by a natural language.

CONSTITUTION: A syntax analytic device 107 analyzes a retrieving condition character string by the syntax analytic device and outputs syntax **information** (the appearance likelihood of a **word** and a inter-word distance) in the character string. A goodness-of-fit calcuration device 108 determines a retrieving condition character string inter-**word** proximate degree based on syntax **information** in the **retrieving condition character string** through the use of combination **weight** in a combination **weight file** 106, a **retrieving objective sentence** inter-word proximate degree based on syntax **information** of a **retrieving objective sentence** in a **document data** base 104 through the use of the combination **weight**, an associative inter-**word** proximate degree based on the retrieving objective sentence inter-word proximate degree and inter-word associative intensity in a synonym dictionary **file** 105, a **word** pair goodness-of-fit based on the retrieving condition character string inter-word proximate degree and the associative inter-word proximate

degree through the use of the combination weight and the goodness-of-fit of the retrieving objective sentence by integrating the determined word pair fitness-of-degrees of respective word pairs.

17/5/55 (Item 55 from file: 347)
DIALOG(R)File 347:JAPIO
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04258715 **Image available**
DATA RETRIEVING SYSTEM

PUB. NO.: 05-250415 [JP 5250415 A]
PUBLISHED: September 28, 1993 (19930928)
INVENTOR(s): OKADA HIDEHIKO
HASHIMOTO MASAKI
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
HITACHI JOHO NETWORK KK [000000] (A Japanese Company or
Corporation), JP (Japan)
APPL. NO.: 04-050389 [JP 9250389]
FILED: March 09, 1992 (19920309)
INTL CLASS: [5] G06F-015/40 ; G06F-012/00
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.2
(INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 1672, Vol. 18, No. 14, Pg. 14,
January 11, 1994 (19940111)

ABSTRACT

PURPOSE: To provide a **data retrieving** system capable of performing a detailed evaluation by **weight** of a **keyword** corresponding to **retrieval data**, and performing the **retrieval** in a high level.

CONSTITUTION: The **data retrieving** system for a **data** base for which one key is allocated to one **retrieval data**, and to one key, a **keyword** being an inputted retrieval condition is allowed to correspond is constituted of a central processing unit, a working station, and an external storage device. In such a state, based on the operation of a **data retrieval** program (901), the **keyword**, **weight** and the retrieval condition are inputted to a displayed initial input screen (903). Moreover, the coincident state of the keyword and the key, and a hitting rate at every key are displayed (907), thereby displaying the **retrieval data** (913), and the **data** are stored in the internal storage device of the central processing unit (915).

17/5/56 (Item 56 from file: 347)
DIALOG(R)File 347:JAPIO
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04197783 **Image available**
DEVICE AND METHOD FOR RETRIEVING DATA

PUB. NO.: 05-189483 [JP 5189483 A]
PUBLISHED: July 30, 1993 (19930730)
INVENTOR(s): TOMONO MASAHIRO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 04-025659 [JP 9225659]
FILED: January 16, 1992 (19920116)
INTL CLASS: [5] G06F-015/40 ; G06F-015/40
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1643, Vol. 17, No. 616, Pg. 22,
November 12, 1993 (19931112)

ABSTRACT

PURPOSE: To improve the retrieval accuracy by completing the keyword description by using the conditional probability between **keywords** in

retrieving data by keywords .

CONSTITUTION: A keyword addition means 4 receives input keyword set X from a keyword input means 1 and adds $c(\text{sub } j)$ to the X while taking the conditional probability of the other keyword $c(\text{sub } j)$ as the weight when the X is supplied. Further, the keyword addition means 4 receives a retrieval keyword set $C(\text{sub } i)$ of register data $d(\text{sub } i)$ from a register data storage means 2 and adds the $c(\text{sub } j)$ to $C(\text{sub } i)$ while taking the conditional probability of the other keyword $c(\text{sub } j)$ as the weight when $C(\text{sub } i)$ is supplied. The conditional probability is statistically calculated based on the events. A keyword set comparison means 5 calculates the degree of coincidence between the keyword $C(\text{sub } i)$ with the keyword added and X. A data selection means 6 selects the input keyword set X and register data $d(\text{sub } i)$ with retrieval keyword set $C(\text{sub } i)$ with the higher degree of coincidence in the order of the higher coincidence.

17/5/57 (Item 57 from file: 347)

DIALOG(R) File 347:JAPIO

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04167291 **Image available**

INFORMATION RETRIEVAL SYSTEM

PUB. NO.: 05-158991 [JP 5158991 A]

PUBLISHED: June 25, 1993 (19930625)

INVENTOR(s): ARITA HIDEKAZU

SEO KAZUO

TOYOURA JUN

KOBUNE RYUICHI

YOKOTA TAKASHI

KONAKA HIROYOSHI

ABE KAZUHIRO

APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 03-317834 [JP 91317834]

FILED: December 02, 1991 (19911202)

INTL CLASS: [5] G06F-015/40 ; G06F-015/40

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

JOURNAL: Section: P, Section No. 1627, Vol. 17, No. 560, Pg. 87,
October 08, 1993 (19931008)

ABSTRACT

PURPOSE: To provide the information retrieval system capable of giving the order of priority and specifying the retrieval not including a specific keyword.

CONSTITUTION: In retrieval, keywords and documents are represented by nodes using a keyword network part 12 representing the relation between keywords, a retrieval keyword importance setting part 11 specifying the importance of the retrieval keyword, and an information storage part 13 storing information, and the relation of keywords is represented by the weight of the link between nodes to propagate the activity of nodes. Further, the retrieval keyword importance setting part 11 is provided with a retrieval history storage part 10 storing the retrieval condition and the degree of satisfaction of a retriever against the retrieval result under the retrieval condition. Based on the past retrieval history of the retriever stored in the retrieval history storage part 10, the retrieval condition is set while having a conversation with the retriever.

17/5/58 (Item 58 from file: 347)

DIALOG(R) File 347:JAPIO

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03897360 **Image available**

INFORMATION RETRIEVAL DEVICE

PUB. NO.: 04-262460 [JP 4262460 A]

PUBLISHED: September 17, 1992 (19920917)
INVENTOR(s): IMASATO SHIYOU
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 03-044168 [JP 9144168]
FILED: February 15, 1991 (19910215)
INTL CLASS: [5] G06F-015/40
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1478, Vol. 17, No. 49, Pg. 82,
January 29, 1993 (19930129)

ABSTRACT

PURPOSE: To make it possible to carry out flexible matching of a keyword of a compound word without increasing the capacity of a transfer table by providing an **information retrieval** device with the function that the degree of matching of **retrieved information** with input **keyword** can be judged.

CONSTITUTION: A **keyword** that represents the **content** of **information** to be **retrieved** is input by a keyword inputting means 1. The input keyword is divided by a keyword divide means 2 into simple keywords. If there is an unnecessary simple keyword, it is removed by an unnecessary **keyword** removal means 3. Information corresponding to the input **keyword** and its **weight** are retrieved by a transfer table retrieval means 5 from a transfer table 4. **Obtained information** is output by an **information retrieval** means 6 in accordance with the weight of the information.

17/5/59 (Item 59 from file: 347)
DIALOG(R)File 347:JAPIO
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03762172 **Image available**

KEY WORD CONNECTION PROCESSING METHOD IN DOCUMENT RETRIEVER

PUB. NO.: 04-127272 [JP 4127272 A]
PUBLISHED: April 28, 1992 (19920428)
INVENTOR(s): OGAWA YASUTSUGU
MORITA TETSUYA
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 02-250675 [JP 90250675]
FILED: September 20, 1990 (19900920)
INTL CLASS: [5] G06F-015/40 ; G06F-015/40
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1405, Vol. 16, No. 390, Pg. 162,
August 19, 1992 (19920819)

ABSTRACT

PURPOSE: To efficiently perform the **retrieval** of a **document** even when a document data base is generated newly by setting the initial value of the **weight** of key **word** connection at an appropriate value by a prescribed equation using the appearance frequency and co-appearance frequency of a key **word** in a **document**.

CONSTITUTION: A key word extraction part 1 extracts the key **word** from a registration **document** 2, and outputs the key **word** and the registration **document** 2 to a key **word** connection table managing part 4, etc. The key word connection table managing part 4 generates a key word connection table, and stores it in a file 8, and calculates document accuracy at every **document** based on the condition **expression** for **retrieving** by using **information** in the key **word** connection table stored in the file 8. A learning managing part 9 performs the learning of the key word connection according to the instruction of a user. Therefore, the initial value of the **weight** of the key **word** can be set appropriately by the prescribed equation using the appearance frequency and the co-appearance frequency of the key word. In such a way, it is possible to efficiently perform the **retrieval** of the **document** even when the document data base is generated

newly, etc.

17/5/60 (Item 60 from file: 347)
DIALOG(R) File 347:JAPIO
(c) 2002 JPO & JAPIO. All rts. reserv.

03600277 **Image available**
INFORMATION RETRIEVAL DEVICE

PUB. NO.: 03-263177 [JP 3263177 A]
PUBLISHED: November 22, 1991 (19911122)
INVENTOR(s): TANAKA HIDEO
KINOSHITA HIROKI
APPLICANT(s): PIONEER ELECTRON CORP [000501] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 02-062424 [JP 9062424]
FILED: March 13, 1990 (19900313)
INTL CLASS: [5] G06F-015/40
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)
JOURNAL: Section: P, Section No. 1315, Vol. 16, No. 70, Pg. 101, February 20, 1992 (19920220)

ABSTRACT

PURPOSE: To show a record whose contents match the retrieval request of a retrieving person most as a **retrieval** result by **obtaining** address **information** on a **record** meeting the **retrieval** request at the request by using a key **word** and its **weight** and **retrieving** the **record** corresponding to the address information.

CONSTITUTION: An image **data** base **retrieval** device consists of an image **data** file 1, an image reproducing device 2, a monitor 3, a retrieval request input part 4, a retrieval processor 5, a concept network file 6, and an image definition file 7. Then key **words** are **weighted** and stored corresponding to pieces of address information on records; and the address **information** on the **record** meeting the **retrieval** request is obtained according to the key **word** and its **weight** and the **record** corresponding to the address **information** is **retrieved**. Consequently, the **retrieval** result whose contents match the retrieval request most is shown.

17/5/61 (Item 61 from file: 347)
DIALOG(R) File 347:JAPIO
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03453477 **Image available**
INFORMATION RETRIEVER

PUB. NO.: 03-116377 [JP 3116377 A]
PUBLISHED: May 17, 1991 (19910517)
INVENTOR(s): IMASATO SHIYOU
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-254578 [JP 89254578]
FILED: September 29, 1989 (19890929)
INTL CLASS: [5] G06F-015/40
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1239, Vol. 15, No. 322, Pg. 28, August 16, 1991 (19910816)

ABSTRACT

PURPOSE: To attain flexible and suitable matching decision by deciding whether both two keywords are incident or not, based on the number of constituting **words**, the weight values of the respective constituting **words** and **information** concerning the number, position and order of the

coincident constituting words.

CONSTITUTION: A composite word dividing means 2 is provided to divide a composite word into the respective constituting words by using a word dictionary 1, and a coincidence calculating means 3 is provided to calculate the coincidence between the two keywords by using a divided result. Then, a matching deciding means 4 is provided to decide it by comparing the calculated coincidence with a prescribed threshold value set in advance whether matching is executed or not. Based on the number of the constituting words in the both two **keywords**, the **weight** value expressing importance as the **keyword** of each constituting **word** and the **information** concerning the number, position and order of the coincident constituting words, it is decided according to the calculated coincidence between the keywords whether the both keywords are matched or not. Thus, the flexible and suitable matching decision can be executed.

17/5/62 (Item 62 from file: 347)
DIALOG(R)File 347:JAPIO
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03132657 **Image available**
INFORMATION RETRIEVING METHOD

PUB. NO.: 02-108157 [JP 2108157 A]
PUBLISHED: April 20, 1990 (19900420)
INVENTOR(s): ONO TAKASHI
NAKANISHI ISAO
APPLICANT(s): SANYO ELECTRIC CO LTD [000188] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 63-261833 [JP 88261833]
FILED: October 17, 1988 (19881017)
INTL CLASS: [5] **G06F-015/40**
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 42.5 (ELECTRONICS -- Equipment)
JOURNAL: Section: P, Section No. 1075, Vol. 14, No. 325, Pg. 137, July 12, 1990 (19900712)

ABSTRACT

PURPOSE: To facilitate **retrieving** operation by outputting **information** to which key **words** whose **rates** of coincidence in character length and coincident character between an input key word and a key **word** made correspond to stored **information** are above a specific value are made to correspond.

CONSTITUTION: A coincidence **rate** calculation part 8 compares the **character string** length AL of the key word inputted on a keyboard 1 with the character string length CL of a key word read out of a magnetic disk 7 and calculates $CL/AL \times 100\%$ when $AL \geq CL$ or $AL/CL \times 100\%$ when not. Consequently, the coincidence **rate** of the **character string** length between the key word inputted on the keyboard and the key word stored on the magnetic disk 7 is calculated. When the calculated coincidence rate is larger than a specific coincidence rate B, the image **information** to which the key **word** is made to correspond is read out as object information. Consequently, desired image **information** can be **retrieved** by inputting a vague key word.

17/5/63 (Item 63 from file: 347)
DIALOG(R)File 347:JAPIO
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03056969 **Image available**
INFORMATION RETRIEVING SYSTEM

PUB. NO.: 02-032469 [JP 2032469 A]
PUBLISHED: February 02, 1990 (19900202)
INVENTOR(s): KABETANI KIYOSHI

INAGAKI HIROTO
KOBASHI FUMIHIKO

APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 63-181608 [JP 88181608]
FILED: July 22, 1988 (19880722)
INTL CLASS: [5] G06F-015/40
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1036, Vol. 14, No. 185, Pg. 107, April 13, 1990 (19900413)

ABSTRACT

PURPOSE: To efficiently and suitably **retrieve information** in the sequence of significance by outputting the information in the sequence of larger value obtained by multiplying a weight factor by the number of times of the consistency between a key **word weighted** with the depth of the modifying structure of an objective sentence and a word included in a retrieving request.

CONSTITUTION: A modified clause is positioned on the right side of a corresponding modifying clause, and the deeper the modification is, the more right side the modifying clause is positioned. The plural modifying clauses corresponding to the same clause or the parallel clauses are positioned on the same level. The specific weight value is suitably fixed by taking into consideration the width of a hierarchizing level, the length of the sentence, etc. When the retrieve requiring key **word** is applied, the **weight** factor is multiplied by the number of times of the consistency with the **weighting** key word in the objective **sentence**, and the **information** is arranged and outputted in the sequence of the larger value. Consequently, as the result of acquisition of the **information** fit for the **retrieve** in the sequence of the significance, checking is made efficient, and due to the key word extraction by means of a modification analysis, the information can be accurately outputted without omission compared with the manual extraction.

17/5/66 (Item 66 from file: 347)
DIALOG(R) File 347:JAPIO
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02029431 **Image available**
INFORMATION RETRIEVING SYSTEM

PUB. NO.: 61-243531 [JP 61243531 A]
PUBLISHED: October 29, 1986 (19861029)
INVENTOR(s): MURAKI KAZUSHI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 60-085833 [JP 8585833]
FILED: April 22, 1985 (19850422)
INTL CLASS: [4] G06F-007/28
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units);
45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 558, Vol. 11, No. 91, Pg. 139, March 23, 1987 (19870323)

ABSTRACT

PURPOSE: To reduce erroneous retrieval due to keyword designation of a user to perform retrieval at a high speed by giving a retrieval request as a small group of mere keywords.

CONSTITUTION: A word recognizing means 4 of this system takes in original **document data**, which **retrieves** related **document data**, from a signal line 8 and divides this **data** into **words** and inputs this **word** list to a keyword generating means 3 from a signal line 7. A keyword list stored in a keyword storage means 11 is read out to the means 3, and words in the word list which are included in the keyword list are outputted to a signal line 6 as a **keyword set**. **Document data** numbers and **keywords** of **documents** are stored integratedly in a storage means 1. A retrieving

means 2 receives the keyword set from the signal line 6 to refer to integrated management data in the storage means 1, thus reducing the rate of erroneous retrieval due to keyword designation of the user to perform retrieval at a high speed.

17/5/73 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013544725 **Image available**

WPI Acc No: 2001-028931/200104

XRPX Acc No: N01-022942

Information retrieval procedure in e.g. advertisement information, involves calculating sum total value of each keyword for choosing output target information

Patent Assignee: CANON KK (CANO)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000298677	A	20001024	JP 99107255	A	19990414	200104 B

Priority Applications (No Type Date): JP 99107255 A 19990414

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000298677	A	43	G06F-017/30	

Abstract (Basic): JP 2000298677 A

NOVELTY - The weight value is provided to each keyword that shows information directly, based on relationship with candidate information. A predetermined calculation is performed to weight value of each keyword of candidate information. Output information about target is chosen based on sum total value of calculation result.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) information retrieval apparatus;

(b) memory medium

USE - For retrieving advertisement information.

ADVANTAGE - Since sum total value of calculation result is used, only transmission of information to user at suitable timing is enabled.

DESCRIPTION OF DRAWING(S) - The figure shows the component of outline of information retrieval procedure.

pp; 43 DwgNo 1/111

Title Terms: INFORMATION; RETRIEVAL; PROCEDURE; ADVERTISE; INFORMATION; CALCULATE; SUM; TOTAL; VALUE; KEYWORD; CHOICE; OUTPUT; TARGET; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G06F-013/00

File Segment: EPI

17/5/75 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013370044 **Image available**

WPI Acc No: 2000-541983/200049

XRPX Acc No: N00-400772

Hypertext database traversing method for retrieving an electronic document in the hypertext database of a computer system

Patent Assignee: C/NET INC (CNET-N)

Inventor: YU T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6067552	A	20000523	US 95517136	A	19950821	200049 B

Priority Applications (No Type Date): US 9852050 A 19980330; US 95517136 A 19950821

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 6067552 A 23 G06F-017/30 CIP of application US 95517136

Abstract (Basic): US 6067552 A

NOVELTY - A list of electronic documents (108a-108c) is produced based on the result of comparison between a set of relevant index term values and sets of descriptive index terms (212a-212h). The list is ranked with reference to the relevancy of each document with respect to a user, based on the weighted relevancy ranking. Each document in the list contains at least one relevant index term value.

DETAILED DESCRIPTION - A weighted relevancy ranking of each descriptive index term (212a-212h) and a set of relevant index term values are received. The set of relevant index term values are compared with the sets of descriptive index **terms** using the **weighted** relevancy ranking. An INDEPENDENT CLAIM is also included for a computer-readable medium.

USE - For **retrieving** an electronic **document** in the hypertext database of a computer system.

ADVANTAGE - Reduces set of relevant links, and enables incorporation of expert knowledge of past relevance to determine present relevance of documents. Reduces elapsed user time for traversing the database. Allows user to control trade-off between complexity and number of intermediate links to the relevant documents.

DESCRIPTION OF DRAWING(S) - The figure shows the diagram of a hypertext document database in which the **documents** are tagged with index **terms**.

Documents (208a-208c)

Descriptive index terms (212a-212h)

pp; 23 DwgNo 2/6

Title Terms: DATABASE; TRAVERSE; METHOD; RETRIEVAL; ELECTRONIC; DOCUMENT; DATABASE; COMPUTER; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

17/5/76 (Item 8 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013251186 **Image available**

WPI Acc No: 2000-423069/200036

XRPX Acc No: N00-315724

Characterizing term extraction method in computer, involves sorting extracted terms according to generated moduli and accepting terms with greatest moduli as characteristic keyword of documents content

Patent Assignee: JUSTSYSTEM PITTSBURGH RES CENT INC (JUST-N)

Inventor: KANTROWITZ M

Number of Countries: 090 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200033215	A1	20000608	WO 99US25686	A	19991101	200036 B
AU 200019073	A	20000619	AU 200019073	A	19991101	200044

Priority Applications (No Type Date): US 98201569 A 19981130

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200033215 A1 E 16 G06F-017/30

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR

Abstract (Basic): WO 200033215 A1

NOVELTY - Occurrences of each **term** extracted from **document** is counted to establish a frequency value for each term. The characters in each term is counted. The frequency value for each term or monotonic function is multiplied by character count or monotonic function to form modulus for each term. The terms are sorted according to the moduli and moduli is accepted as characteristic **keyword** of the **document**'s **content**.

USE - In computer, world wide web for **term weighting**, for **information retrieval** applications such as **document retrieval**, cross-language **information retrieval**, **keyword** extraction, **document** routing, classification, categorization, clustering, **document** filtering, **query** expansion, chapter, paragraph and sentence segmentation, spelling correction, **term**, **query** and **document** similarity metrics and text summarization.

ADVANTAGE - Size of indexes in the **information retrieval** algorithm is reduced. **Document** summarized is easy to implement and use and requires only less memory. The method is scalable because it does not rely on information outside the document and so does not consume more resources as the number of documents increases. So the method is highly suitable for distributed **information retrieval** applications.

DESCRIPTION OF DRAWING(S) - The figure shows the flow diagram explaining the computer program for implementing the characterizing terms extraction method.

pp; 16 DwgNo 1/1

Title Terms: TERM; EXTRACT; METHOD; COMPUTER; SORT; EXTRACT; TERM; ACCORD; GENERATE; MODULUS; ACCEPT; TERM; GREATER; MODULUS; CHARACTERISTIC; KEYWORD; DOCUMENT; CONTENT

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

17/5/77 (Item 9 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012777035 **Image available**

WPI Acc No: 1999-583261/199950

XRPX Acc No: N99-430961

Automatic classification of text files using a keyword scoring system

Patent Assignee: DIALOG CORP PLC (DIAL-N)

Inventor: FERNANDES L I; HAMMOND R

Number of Countries: 019 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2336699	A	19991027	GB 988807	A	19980424	199950 B
WO 9956224	A1	19991104	WO 99GB1222	A	19990421	199954

Priority Applications (No Type Date): GB 988807 A 19980424

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

GB 2336699 A 58 G06F-017/30

WO 9956224 A1 E G06F-017/30

Designated States (National): JP

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Abstract (Basic): GB 2336699 A

NOVELTY - Text **files** are categorized for classification using **keywords** that indicate a particular section. A **score** is recorded and adjusted when **keywords** are found, if a particular **keyword scores** over a predetermined threshold then the file is classified in that

section. If the text file is above a certain size (T) the weighting factor is increased (K) in relation to the file size (S).

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for associating machine readable data using a scoring system.

USE - Automatic file classification in a **data** storage and **retrieval** system such as a database.

ADVANTAGE - The system uses an automatic file classification to improve the organization of text files in a database. Files with a larger size require a larger score in order to be classified to reduce classification errors.

DESCRIPTION OF DRAWING(S) - Generation of weighting factor for text files.

Weighting factor (K)

File size (S)

Threshold to define larger file size (T)

pp; 58 DwgNo 15/24

Title Terms: AUTOMATIC; CLASSIFY; TEXT; FILE; KEYWORD; SCORE; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

17/5/82 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008987243 **Image available**

WPI Acc No: 1992-114512/199214

XRPX Acc No: N92-085599

Information retrieval **adaptive ranking method - ranking records according to relevance to query terms using multilevel weighting technique**

Patent Assignee: GTE LAB INC (SYLV)

Inventor: CHANG S; CHOW A; DU M; CHANG S C

Number of Countries: 014 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9204681	A	19920319	WO 91US6070	A	19910826	199214 B
EP 497960	A1	19920812	EP 91915889	A	19910826	199233
			WO 91US6070	A	19910826	
JP 5502533	W	19930428	JP 91514691	A	19910826	199322
			WO 91US6070	A	19910826	
US 5321833	A	19940614	US 90574828	A	19900829	199423
EP 497960	A4	19930915	EP 91915889	A		199527
EP 497960	B1	20000719	EP 91915889	A	19910826	200037
			WO 91US6070	A	19910826	
DE 69132331	E	20000824	DE 632331	A	19910826	200048
			EP 91915889	A	19910826	
			WO 91US6070	A	19910826	

Priority Applications (No Type Date): US 90574828 A 19900829

Cited Patents: US 4417321; US 4422158; US 4495566; US 4823306; US 4839853; US 4849898; US 4870568; 2.Jnl.Ref; DE 2921253; DE 3519305; EP 98426; WO 8102788

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9204681	A		13		

Designated States (National): CA JP

Designated States (Regional): AT CH DE DK ES GB GR LU NL SE

EP 497960 A1 E 28 G06F-015/40 Based on patent WO 9204681

Designated States (Regional): DE FR SE

JP 5502533 W G06F-015/40 Based on patent WO 9204681

US 5321833 A 11 G06F-015/40

EP 497960 B1 E G06F-017/30 Based on patent WO 9204681

Designated States (Regional): DE FR SE

DE 69132331 E G06F-017/30 Based on patent EP 497960

Based on patent WO 9204681

Abstract (Basic): WO 9204681 A

A nuclear spin tomography method a plurality of sequences act on an examination zone (20) in the presence of a uniform, steady magnetic field, each sequence including - the generating of a single high-frequency pulse (HF), - the application of several gradient fields (Gx, Gy, Gz) having gradients extending in different directions, at least one of said fields (Gy or Gx, Gy) having a gradient which can be varied in respect of strength or direction from one sequence to another, - the detection of a spin resonance signal during or after application of said magnetic gradient field, and - the application, subsequent to the detection of the spin resonance signal, of at least one gradient field (Gx, Gz) of such strength and direction that the time integral gradient field applied during a sequence is the same for all sequences, characterised in that for the dephasing of the nuclear magnetisation excited by the high-frequency pulse (HF) of each sequence, the direction and the strength of the magnetic gradient field(s) applied after the detection of the spin resonance signal are chosen so that the time integral over at least one gradient field (Gz) differs from zero.

Dwg.3/4

Title Terms: INFORMATION; RETRIEVAL; ADAPT; RANK; METHOD; RANK; RECORD;

ACCORD; RELEVANT; QUERY; TERM; MULTILEVEL; WEIGHT; TECHNIQUE

Derwent Class: T01

International Patent Class (Main): G06F-015/40 ; G06F-017/30

File Segment: EPI

17/5/83 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008673692 **Image available**

WPI Acc No: 1991-177713/199124

XRPX Acc No: N91-136136

Sequential order document retrieval system - has keyword connection table, document accuracy calculator, sorting section and learning control section

Patent Assignee: RICOH KK (RICO)

Inventor: OGAWA Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5020019	A	19910528	US 90528490	A	19900525	199124 B

Priority Applications (No Type Date): JP 89190519 A 19890725; JP 89132696 A 19890529

Abstract (Basic): US 5020019 A

The **document retrieval** system includes a **keyword connection table making section**, a **document accuracy calculating section**, a **document sorting section** and a **learning control section**. The **document accuracy calculating section** calculates a document accuracy for each of the output documents in a prescribed manner by reference to a **keyword connection table file**. The **document sorting section** sorts the output documents in downward sequential order of the document accuracy. The **learning control section** serves to modify the **weight** of each **keyword connection** in a prescribed manner after the sorted output documents are given responsive to a query by a user, allowing the user make an evaluation on whether each document accuracy of the output documents is in conformity with the query.

The **document retrieval** system is capable of providing the user with multiple choices from a numerical value between 0 and 1 in terms of a real number in making an evaluation on whether each document accuracy of the output documents is actually in conformity with the query.

ADVANTAGE - Improved accuracy. Allows user to make flexible choices when user seeks to give vague input to system

Title Terms: SEQUENCE; ORDER; DOCUMENT; RETRIEVAL; SYSTEM; KEYWORD; CONNECT

25/5/16 (Item 16 from file: 347)
DIALOG(R)File 347:JAPIO
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05704968 **Image available**
MAIN POINT EXTRACTING METHOD

PUB. NO.: 09-319768 [JP 9319768 A]
PUBLISHED: December 12, 1997 (19971212)
INVENTOR(s): FUKUMOTO JUNICHI
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 08-157723 [JP 96157723]
FILED: May 29, 1996 (19960529)
INTL CLASS: [6] G06F-017/30 ; G06F-015/18
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)

ABSTRACT

PROBLEM TO BE SOLVED: To extract an important part in sentences without using the referring relation of **words / phrases** and structure **information** of the **sentences**, etc., in each sentence in the sentences.

SOLUTION: When the sentences of a main point extracting object is inputted (step S1), morpheme analysis is executed (step S2) to extract a word. Next, word vectors setting each word to be an axis are set (step S3) and the value of **weighting** is given to each **word** (step S4). In **addition** the similarity of each paragraph is calculated by using the value of the word vector (step S5). A cluster is generated from this similarity of the paragraphs (step S6) to output the result (step S7).

25/5/18 (Item 18 from file: 347)
DIALOG(R)File 347:JAPIO
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04517944 **Image available**
DATA BASE MANAGING DEVICE

PUB. NO.: 06-161844 [JP 6161844 A]
PUBLISHED: June 10, 1994 (19940610)
INVENTOR(s): NAGASE KEIKO
HARASHIMA HIDEJI
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 04-317199 [JP 92317199]
FILED: November 26, 1992 (19921126)
INTL CLASS: [5] G06F-012/00 ; G06F-009/44 ; G06F-015/40
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units); 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1799, Vol. 18, No. 489, Pg. 28, September 12, 1994 (19940912)

ABSTRACT

PURPOSE: To provide the device which can prevent any useless access path from being formed, can shorten processing time and enables effective support with coupling arithmetic.

CONSTITUTION: This device is provided with a storage means 14 for storing the degree of relation between respective relations stored in a **data** base 11 and **keywords** defined corresponding to them, input means 13 for inputting a **keyword** group, **weight** for each **keyword** and threshold value of the **total** relation degree, total relation degree calculating means 15 for calculating the total related degree of each relation related to one keyword at least to the entire keyword group based on the **keyword** group and the **weight** for each **keyword** from this input means 13, and

relation judging means 16 for judging and outputting the relation exceeding the threshold value of the total related degree inputted by the input means 13 among the total related degrees calculated by this means 15.

25/5/19 (Item 19 from file: 347)

DIALOG(R)File 347:JAPIO

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04266344 **Image available**

METHOD AND DEVICE FOR PROCESSING DOCUMENT

PUB. NO.: 05-258044 [JP 5258044 A]
PUBLISHED: October 08, 1993 (19931008)
INVENTOR(s): HASEGAWA AKIRA
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 03-075107 [JP 9175107]
FILED: April 08, 1991 (19910408)
INTL CLASS: [5] G06F-015/62 ; G06F-003/147 ; G06F-015/20 ;
G06F-015/66 ; G09G-005/02; G09G-005/32
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 44.9
(COMMUNICATION -- Other); 45.3 (INFORMATION PROCESSING --
Input Output Units)
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers &
Microprocessors); R139 (INFORMATION PROCESSING -- Word
Processors)
JOURNAL: Section: P, Section No. 1675, Vol. 18, No. 24, Pg. 108,
January 14, 1994 (19940114)

ABSTRACT

PURPOSE: To attain the **addition** and the compensation of a **character** and a **character string** and to facilitate it by attaining gradation processing on a document processor.

CONSTITUTION: A display control part 3 writes pattern information into a video memory (VRAM) 2 and reads VRAM 2 based on the instruction of MPU 4 so as to display-control a CRT display part 1. Then, with the starting of the document processor, an icon corresponding to respective processings are displayed in a menu window displayed on the CRT display part 1, and a user moves a cursor to a desired icon position with a pointing device 9, etc., and clicks a witch to select a desired processing. In this case, the device is controlled so that the desired **character string** is selected from **document information**, color information of the starting/ending points of the **character string** is specified, the changing **rate** of color information of the starting/ending points to be specified is set and the **character string** selected with color **information** changed in accordance with the changing **rate** is outputted.

25/5/23 (Item 23 from file: 347)

DIALOG(R)File 347:JAPIO

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03472769

AUTOMATIC KEY WORD EXTRACTING SYSTEM

PUB. NO.: 03-135669 [JP 3135669 A]
PUBLISHED: June 10, 1991 (19910610)
INVENTOR(s): NAKAMURA MASANORI
UCHIYAMA KEIZO
YASUDA AKIO
KAMIKO MIDORI
TSUTSUMI REIKO
APPLICANT(s): TOKYO ELECTRIC POWER CO INC THE [330194] (A Japanese Company
or Corporation), JP (Japan)
HEIWA JOHO CENTER KK [000000] (A Japanese Company or
Corporation), JP (Japan)
APPL. NO.: 02-149781 [JP 90149781]

FILED: June 11, 1990 (19900611)
INTL CLASS: [5] G06F-015/40
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1248, Vol. 15, No. 352, Pg. 143,
September 06, 1991 (19910906)

ABSTRACT

PURPOSE: To automatically extract the key words with no variance by extracting the subjects, the objects, etc., of a **document** text at production of key **words** and **adding** the degrees of importance to each key word in consideration of its emerging frequency, etc.

CONSTITUTION: The important words like the subjects, the objects, etc., are extracted as the key words out of the **words** and **phrases** in a document **text**. These extracted key **words** are **weighted** in accordance with the emerging frequency and the emerging area of each key word. Then the **words** having the higher **weighting** degrees are defined as the important key words. In other words, the subjects, the objects, etc., which may usually include many important words and phrases are extracted as key words. Then the degrees of importance are given to the extracted key words in consideration of the emerging frequencies of these words after noticing a fact that the higher the importance of words the higher emerging frequencies of them in a document. Therefore, the higher the degree of importance **added** to each key **word** the higher the importance of the **words** and **phrases** to the **document text**. Thus, it is possible to automatically extract the important key words with no intervention of the human thinking and also on the basis of the point of the document text.

25/5/39 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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013450965 **Image available**
WPI Acc No: 2000-622908/200060
XRPX Acc No: N00-461714

Document classification, involves requiring degree of relation according to the reference result of the appearance frequency based on each extracted single word from unknown document

Patent Assignee: SUMITOMO METAL IND LTD (SUMQ)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000250916	A	20000914	JP 9949055	A	19990225	200060 B

Priority Applications (No Type Date): JP 9949055 A 19990225

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000250916	A		10	G06F-017/30	

Abstract (Basic): JP 2000250916 A

NOVELTY - The degree of relation according to the reference result of the appearance frequency in a specific field and a general field, is required based on each extracted single **word** from an unknown **document**.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following: a document classifying apparatus; and a recording medium.

USE - None given.

ADVANTAGE - Removes **influence** of **word** used in wide range field. Performs large **weighting** of **word** associated with specific field. Eliminates unnecessary manual designation of specific word. Improves classification accuracy. Prevents manual collection, processing and collection of **document**. Enables automatic **addition** of **word** and **document** classification. Corresponds to dynamic change of specific field.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of a document classifying apparatus.

pp; 10 DwgNo 1/6

Title Terms: DOCUMENT; CLASSIFY; REQUIRE; DEGREE; RELATED; ACCORD;

REFERENCE; RESULT; APPEAR; FREQUENCY; BASED; EXTRACT; SINGLE; WORD;
UNKNOWN; DOCUMENT
Derwent Class: T01
International Patent Class (Main): G06F-017/30
File Segment: EPI

25/5/48 (Item 19 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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011624488 **Image available**
WPI Acc No: 1998-041616/199804
XRPX Acc No: N98-033413

Computer-programmed personality analysis system - categorises, scores
and weights subject's choice and usage of keywords and sums
weighted scores for comparison with defined personality types

Patent Assignee: SHOVERS A H (SHOV-I)
Inventor: SHOVERS A H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5696981	A	19971209	US 93129299	A	19930930	199804 B
			US 95503913	A	19950719	

Priority Applications (No Type Date): US 93129299 A 19930930; US 95503913 A
19950719

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5696981	A		54	G06F-017/27	Cont of application US 93129299

Abstract (Basic): US 5696981 A

The system includes an operator input device and a program with key word lists. Each key word list comprises a number of words associated with one of six personality types. The personality types fall into three sets of pairs, with the first personality type of each pair precisely opposing a second personality type of the pair. The program is selectively operable and functions by receiving a text comprising a number of words selected by the subject.

The text is parsed for words in each of the six key word lists and a weight is assigned to any parsed words in the text which are found in at least one of the key word lists. Each parsed word is associated with a respective personality type based upon the word being in a list of that personality type. For each personality type, the weight assigned to each parsed word associated with the personality type is summed and a comparison of the sums performed.

ADVANTAGE - Accurate, reproducible, scientific and predictable personality analysis performed efficiently and economically.

Dwg.11/11

Title Terms: COMPUTER; PROGRAM; PERSON; ANALYSE; SYSTEM; CATEGORY; SCORE ;
WEIGHT ; SUBJECT; CHOICE; KEYWORD; SUM; WEIGHT ; SCORE ; COMPARE;
DEFINE; PERSON; TYPE

Derwent Class: T01
International Patent Class (Main): G06F-017/27
International Patent Class (Additional): G06F-017/60
File Segment: EPI

25/5/49 (Item 20 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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011518277 **Image available**
WPI Acc No: 1997-494763/199746
XRPX Acc No: N97-411927

Sentence division method e.g. text segmentation - by determining
sentence division position according to total numerical value of
weighted articulation information and sentence expression

information to divide sentence

Patent Assignee: OKI ELECTRIC IND CO LTD (OKID)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9231218	A	19970905	JP 9633730	A	19960221	199746 B

Priority Applications (No Type Date): JP 9633730 A 19960221

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9231218	A		6 G06F-017/27	

Abstract (Basic): JP 9231218 A

The method involves extracting the articulation relationship for every analysed sentence using an articulation relationship extracting device (14). The numerical value corresponding to the articulation-related content is established as articulation information. The sentence expression in the processed sentence of a pre-processor (12) is analysed, and the expression information for every sentence is extracted by a sentence expression extracting device (16). The numerical value corresponding to the content of the analysed sentence expression is established as sentence expression information.

A parameter is individually established to the articulation and sentence expression information. The articulation and sentence expression information are weighted through the established parameter according to the kind of information. The numerical value of the weighted articulation and sentence expression information are calculated for every sentence. A division position is determined based on the total numerical value of the weighted articulation information and sentence expression information, to divide the sentence.

ADVANTAGE - Obtains division position regardless of sentence length.

Dwg.1/6

Title Terms: SENTENCE; DIVIDE; METHOD; TEXT; SEGMENT; DETERMINE; SENTENCE; DIVIDE; POSITION; ACCORD; TOTAL; NUMERIC; VALUE; WEIGHT; ARTICULATE; INFORMATION; SENTENCE; EXPRESS; INFORMATION; DIVIDE; SENTENCE

Derwent Class: T01

International Patent Class (Main): G06F-017/27

International Patent Class (Additional): G06F-017/22

File Segment: EPI

25/5/52 (Item 23 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007275484

WPI Acc No: 1987-272491/198739

XRPX Acc No: N87-204089

Word selecting method in speech recognition system - evaluating total score for each word derived by combining scores produced using different algorithms

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)

Inventor: BAHL L R; DEGENNARO S V; DESOUZA P V; MERCER R L

Number of Countries: 006 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 239016	A	19870930	EP 87104079	A	19870320	198739 B
US 4718094	A	19880105	US 86845155	A	19860327	198803
CA 1236577	A	19880510				198823
CA 1246229	A	19881206				198902
CA 1257697	A	19890718				198933
EP 239016	B1	19921223	EP 87104079	A	19870320	199252
DE 3783154	G	19930204	DE 3783154	A	19870320	199306
			EP 87104079	A	19870320	

Priority Applications (No Type Date): US 86845155 A 19860327; US 84672974 A 19841119; US 85738930 A 19850529

Cited Patents: 3.Jnl.Ref; A3...8813; EP 191354; EP 60086; No-SR.Pub

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 239016	A	E	209		
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Designated States (Regional): DE FR GB IT

US 4718094	A		41		
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EP 239016	B1	E	94	G10L-005/06	
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Designated States (Regional): DE FR GB IT

DE 3783154	G			G10L-005/06	Based on patent EP 239016
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Abstract (Basic): EP 239016 A

In the first method a detailed acoustic match **word score** is combined with an approx. acoustic match **word score** to provide a **total word score** for a subject **word**. In using the second algorithm a polling **word score** is combined with an acoustic match **word score** to provide a **total word score** for a subject **word**.

The acoustic models employed in the acoustic matching correspond, alternatively, to phonetic elements or to fenemes. Fenemes represent labels generated by an acoustic processor in response to a spoken input.

ADVANTAGE - Improved accuracy without requiring inordinate computation time and without sacrificing accuracy in decoding

Title Terms: WORD; SELECT; METHOD; SPEECH; RECOGNISE; SYSTEM; EVALUATE;

TOTAL; **SCORE** ; WORD; DERIVATIVE; COMBINATION; **SCORE** ; PRODUCE;

ALGORITHM

Derwent Class: P86; W04

International Patent Class (Main): G10L-005/06

International Patent Class (Additional): **G06F-001/00**

File Segment: EPI; EngPI

File 347:JAPIO Oct 1976-2002/Jul(Updated 021104)

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File 350:Derwent WPIX 1963-2002/UD,UM &UP=200274

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Set	Items	Description
S1	1436902	WEIGH? OR INFLUENC? OR SCORE? ? OR SCORING OR GRADE? ? OR - GRADING OR RATE? ? OR RATING? ?
S2	342244	WORD? ? OR KEYWORD? ? OR TERM? ? OR TERMINOLOG??? OR PHRAS- E? ? OR SENTENCE? ? OR EXPRESSION? ? OR STRING? ?(3N)CHARACTE- R? ?
S3	21	S1(5N)S2(5N)POSITIV?(5N)NEGATIV?
S4	53945	AD OR ADS OR ADVERTIS??? OR ADVERTISEMENT? ? OR PROMOTION?? OR BANNER? ?
S5	3300	S4(5N)(RELATE? ? OR RELATING OR RELATIONSHIP? ? OR ASSOCIA- T??? OR MATCH??? OR COMPARABLE OR CORRESPOND? OR CORRELAT? OR EQUAT? OR SUPPORT? OR MAP????)
S6	908	S4(5N)(APPLICABL? OR CLOSEST OR PERTINENT OR RELEVANT OR R- ELEVANCE OR APPROPRIATE OR SUIT???? OR SIGNIFICANT OR SIGNIFI- CANCE OR IMPORTAN??)
S7	2000	S4(5N)(SEARCH? OR FIND??? OR LOCATE? ? OR LOCATING OR LOOK- ??? OR OBTAIN? OR QUERY??? OR QUERIE? ? OR RETRIEV? OR GET? ? OR GETTING)
S8	9558	S2(5N)(ADD?? OR ADDING OR ADDITION? ? OR SUM? ? OR SUMM??? OR SUMMATION OR TOTAL? OR MULTIPLY??? OR MULTIPLIE? ? OR MULT- IPLICA?)
S9	59507	S1(5N)(ADD?? OR ADDING OR ADDITION? ? OR SUM? ? OR SUMM??? OR SUMMATION OR TOTAL? OR MULTIPLY??? OR MULTIPLIE? ? OR MULT- IPLICA?)
S10	6588	S1(5N)S2
S11	474	S2(5N)S4
S12	3	S10 AND S11 AND IC=G06F
S13	2	S10 AND S5:S6
S14	39	S10 AND S4
S15	10	S14 AND IC=G06F
S16	7	S15 NOT S12
S17	34	S8(5N)(NEAR? OR CLOSE OR PROXIM? OR APPROXIM?)
S18	16	S17 AND IC=G06F
S19	306	S9(5N)(NEAR? OR CLOSE OR PROXIM? OR APPROXIM?)
S20	3	S10 AND S19
S21	555	(ADD?? OR ADDING OR ADDITION? ? OR SUM? ? OR SUMM??? OR SU- MMATION OR TOTAL?) (5N)S1:S2(5N)(NEAR? OR CLOSE OR PROXIM? OR - APPROXIM?)
S22	52	S21 AND IC=G06F
S23	42	S22 NOT S18

`23/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
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06786832 **Image available**
DEVICE AND METHOD FOR DOCUMENT PROCESSING, AND RECORDING MEDIUM

PUB. NO.: 2001-014313 [JP 2001014313 A]
PUBLISHED: January 19, 2001 (20010119)
INVENTOR(s): NAGAO KATASHI
APPLICANT(s): SONY CORP
APPL. NO.: 11-189155 [JP 99189155]
FILED: July 02, 1999 (19990702)
INTL CLASS: G06F-017/27 ; G06F-003/16 ; G06F-017/24 ; G06F-017/21 ;
G06F-017/30 ; G10L-013/00; G10L-021/06

ABSTRACT

PROBLEM TO BE SOLVED: To enable a user to accurately grasp document contents by performing a read-aloud processing corresponding to a displayed summary sentence.

SOLUTION: A summary sentence of an electronic document can be presented to a user through display and voice output and the **summary sentence** on which a reading-aloud voice is based is **nearly** equal in document length to or longer than the displayed **summary sentence**. Namely, when a summary display area WS is too small in size to display a sufficient document as the summary sentence, a document which is long enough for the user to understand the contents is outputted as the reading-aloud voice (F30A) to enable the user to clearly know the summary sentence contents (electronic document contents) irrelevantly to the state of the summary sentence display area WS.

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23/5/6 (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO
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04467001 **Image available**
NORMALIZED PRODUCTION MANAGING METHOD

PUB. NO.: 06-110901 [JP 6110901 A]
PUBLISHED: April 22, 1994 (19940422)
INVENTOR(s): OKUDA KENZO
APPLICANT(s): TOYOTA MOTOR CORP [000320] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 04-260913 [JP 92260913]
FILED: September 30, 1992 (19920930)
INTL CLASS: [5] G06F-015/21 ; B23Q-041/08
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 25.2 (MACHINE TOOLS -- Cutting & Grinding)
JOURNAL: Section: P, Section No. 1774, Vol. 18, No. 391, Pg. 163, July 21, 1994 (19940721)

ABSTRACT

PURPOSE: To normalize the production rate of a lot-produced product.

CONSTITUTION: A target rate $ST(i)$ of each target production $S(i)$ of the (i) kinds of varieties to the target total production T is searched ($S2-S3$), and an approximate production $S(i, k^*)$ close to the target production T is searched at the time of a lot production. Then, the approximate production $TT(j)$ of the entire combination candidates of the **approximate** production $S(i, k^*)$ is searched, and an **approximate rate** $SD(i, k^*)$ of the **approximate** production $S(i, k^*)$ to the approximate **total** production $TT(j)$ is searched for each combination candidate of the approximate production $S(i, k^*)$ ($S4$). Next, a deviation $SDT(i, k^*)$ of the approximate rate $SD(i, k^*)$ to the target rate $ST(i)$ is searched, and the maximum value

MAX(j) of the deviation SDT(i, k*) is searched for each combination, and the combination candidate of each variety in which the maximum value WAX(j) of the deviation SDT(i, k*) is the minimum SMIN is selected as an optimal approximate production.

23/5/8 (Item 8 from file: 347)

DIALOG(R)File 347:JAPIO

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03589962 **Image available**

SENTENCE ANALYZING DEVICE

PUB. NO.: 03-252862 [JP 3252862 A]

PUBLISHED: November 12, 1991 (19911112)

INVENTOR(s): NOMURA NAOYUKI

APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 02-050922 [JP 9050922]

FILED: March 02, 1990 (19900302)

INTL CLASS: [5] **G06F-015/38 ; G06F-015/40**

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 30.2
(MISCELLANEOUS GOODS -- Sports & Recreation)

JOURNAL: Section: P, Section No. 1309, Vol. 16, No. 53, Pg. 116,
February 10, 1992 (19920210)

ABSTRACT

PURPOSE: To syntactically detect a part emphasized by how a word is arranged by adding emphasis information showing emphasis to the analyzed result of the word or a clause positioned at an abnormal position in an input sentence.

CONSTITUTION: The relative word order information of the input sentence and normal word order information read out from a normal word order storage means 31 are sent to a word order comparing means 21 through a data line 14, and both are compared with each other, and it is decided whether both coincide with each other or not. Then, each element appearing forer than a normal word order (**nearer** to the head of the **sentence**) is sent to an emphasis information **adding** means 22 through the data line 23, and the emphasis information is added to it. Thus, not only in the case a peculiar vocabulary appears, a part emphasized by how the word is arranged can be detected syntactically.

23/5/12 (Item 12 from file: 347)

DIALOG(R)File 347:JAPIO

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02403761 **Image available**

DOCUMENT EDITING DEVICE

PUB. NO.: 63-020661 [JP 63020661 A]

PUBLISHED: January 28, 1988 (19880128)

INVENTOR(s): YAMADA SHIRO

OISHI MINORU

MORIMOTO YOSHINARI

KAWASUMI JUNKO

NAKAGAWA KAZUKO

MIZUTANI YUKIYOSHI

APPLICANT(s): BROTHER IND LTD [000526] (A Japanese Company or Corporation),
JP (Japan)

APPL. NO.: 61-166271 [JP 86166271]

FILED: July 15, 1986 (19860715)

INTL CLASS: [4] **G06F-015/20**

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

JAPIO KEYWORD: R073 (TRANSPORTATION -- Automatic Wickets)

JOURNAL: Section: P, Section No. 722, Vol. 12, No. 226, Pg. 126, June
28, 1988 (19880628)

ABSTRACT

PURPOSE: To very easily make a decision by displaying characters of each line in accordance with the text layout set at this time and displaying the range of characters which can be moved to the preceding line correspondingly to a hyphen operation object word.

CONSTITUTION: A display means 2 displays inputted data. A moving means 3 moves a part, which is designated by an operator, of the word at the start of the like to spaces in the end of the preceding line which are generated by shortening inter-word spaces of the preceding line. A character number calculating means 4 calculates the number of characters which can be newly added to the end of the line when inter-word spaces in the single line are shortened to close words. An addable range indicating means 5 indicates the position corresponding to the number of characters, which can be added to the preceding line and is calculated by the character number calculating means 4, to the word which is the movement object of the moving means 4.

23/5/20 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010513446 **Image available**

WPI Acc No: 1996-010397/199601

XRPX Acc No: N96-009052

Quasi-synonym generating method for retrieving electronic documents e.g. holiday planer - retrieving near-synonym file using target string, extracting near-synonym for each word in target string, forming group from each word in target string and generating near-synonym of target string by combining re-ordered selected words

Patent Assignee: FUJITSU LTD (FUJIT)

Inventor: TSUZUKI K

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5469355	A	19951121	US 93115327	A	19930902	199601 B
JP 3025724	B2	20000327	JP 92312531	A	19921124	200020

Priority Applications (No Type Date): JP 92312531 A 19921124

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5469355	A		27	G06F-019/00	
JP 3025724	B2		23	G06F-017/30	Previous Publ. patent JP 6162098

Abstract (Basic): US 5469355 A

The method involves retrieving a near-synonym file using words which form a target character string (1) as keys, and extracting the near-synonyms which are defined for each of the words used as keys as the near-synonyms for each of the words forming the target character string. A near-synonym group is formed from each of the words forming the target character string and the corresponding near-synonyms to form a number of near-synonym groups, and words or near-synonyms from each of the near-synonym groups are selected.

The near-synonyms of the target character string is generated by combining the obtained selected words or near-synonyms in an order which is different from the order of the words forming the target character string.

USE/ADVANTAGE - In telephone number retrieval system, converting Japanese kanji characters. Extracts character string having head which does not match that of target character string and different words or phrases from those of target character string with same meaning as target character string. Extracts characters strings in which word and part of their near-synonym are missing, added or re-ordered. Eases burden on operator in inserting end symbol. Highly accurate retrieval system.

Dwg.4/19

Title Terms: QUASI; GENERATE; METHOD; RETRIEVAL; ELECTRONIC; DOCUMENT;

· HOLIDAY; PLANE; RETRIEVAL; FILE; TARGET; STRING; EXTRACT; WORD; TARGET;
STRING; FORMING; GROUP; WORD; TARGET; STRING; GENERATE; TARGET; STRING;
COMBINATION; ORDER; SELECT; WORD
Derwent Class: T01
International Patent Class (Main): G06F-017/30 ; G06F-019/00
File Segment: EPI

23/5/22 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

009915251 **Image available**
WPI Acc No: 1994-182961/199422
XRPX Acc No: N94-144529

Network structure for path generation - implements a finite difference approximation template for computing the weighted sum of its four "neighbours"

Patent Assignee: SMITHS IND AEROSPACE & DEFENSE (SMIS)
Inventor: OLINGER M D; REIBLING L A
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5319737	A	19940607	US 91641487	A	19910115	199422 B
			US 92890381	A	19920526	

Priority Applications (No Type Date): US 91641487 A 19910115; US 92890381 A 19920526

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5319737	A		25	G06F-015/46	Cont of application US 91641487

Abstract (Basic): US 5319737 A

The circuit has N multiple gain-providing amplifiers comprising N/2 input amplifiers and N/2 output amplifiers, where each one of the input amplifiers includes an output connected to an input of one of the output amplifiers and is therefore characterized as associated with the connected output amplifier. An output of only a specific one of the output amplifiers is connected to one input of each of N/2-1 input amplifiers, and an output of each of the others of the output amplifiers is connected to an input of the input amplifier associated with the specific one of the output amplifiers.

The circuit also has several conductance devices wherein each conductance value w_i is related to five-point finite difference approximation template coeffs. corresp. to the functional parameters A, B, C, D, E and F.

USE - For implementing a five-point finite difference approximation numerical solution to a certain class of partial differential equations.

Dwg.3/12

Title Terms: NETWORK; STRUCTURE; PATH; GENERATE; IMPLEMENT; FINITE; DIFFER; APPROXIMATE; TEMPLATE; COMPUTATION; WEIGHT; SUM; FOUR; NEIGHBOURING

Derwent Class: T01
International Patent Class (Main): G06F-015/46
File Segment: EPI

23/5/25 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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008915963 **Image available**
WPI Acc No: 1992-043232/199206
XRPX Acc No: N92-033262

Multiple weighted summation system for multiple digital input signals - supplies each word of input signals one bit at a time on a bit slice basis

Patent Assignee: GENERAL ELECTRIC CO (GENE)

Inventor: ENGELER W E

Number of Countries: 006 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 469885	A	19920205	EP 91307013	A	19910731	199206 B
US 5115492	A	19920519	US 90628257	A	19901214	199223
US 5140531	A	19920818	US 90561404	A	19900801	199236
US 5167008	A	19921124	US 90628257	A	19901214	199250
			US 91752290	A	19910829	
EP 469885	A3	19930721	EP 91307013	A	19910731	199406
EP 469885	B1	19971112	EP 91307013	A	19910731	199750
DE 69128174	E	19971218	DE 628174	A	19910731	199805
			EP 91307013	A	19910731	

Priority Applications (No Type Date): US 90628257 A 19901214; US 90561404 A 19900801; US 91752290 A 19910829

Cited Patents: NoSR.Pub; 5.Jnl.Ref

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 469885	A		69		
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Designated States (Regional): DE FR GB IT NL

US 5115492	A		64	G06F-015/18	
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US 5140531	A		28	G06F-015/18	
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US 5167008	A		55	G06F-015/18	Div ex application US 90628257
					Div ex patent US 5115492

EP 469885	A3		69		
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EP 469885	B1 E		74	G06F-015/80	
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Designated States (Regional): DE FR GB IT NL

DE 69128174	E			G06F-015/80	Based on patent EP 469885
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Abstract (Basic): EP 469885 A

The system includes multiple digital input signals. An apparatus supplies each word of each M input signals one bit at a time using a bit-slice basis. N weighted summations are performed that include a multiple of N analogue weighted summers. These are identified by respective ones of consecutive ordinal numbers. Each analogue weighted summers are connected for receiving in parallel M analogue input signals.

Each analogue weighted summer generates respective analogue output signal identified by the same one of consecutive ordinal numbers as the analogue weighted summer generating it.

USE - Analogue computer structures for use with digital electronic circuits. (69pp Dwg.No.2/33)

Title Terms: MULTIPLE; WEIGHT; SUM; SYSTEM; MULTIPLE; DIGITAL; INPUT;

SIGNAL; SUPPLY; WORD; INPUT; SIGNAL; ONE; BIT; TIME; BIT; SLICE; BASIS

Derwent Class: T01; T02

International Patent Class (Main): G06F-015/18 ; G06F-015/80

International Patent Class (Additional): G06G-007/60

File Segment: EPI

File 348:EUROPEAN PATENTS 1978-2002/Nov W02

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File 349:PCT FULLTEXT 1979-2002/UB=20021114,UT=20021107

(c) 2002 WIPO/Univentio

Set	Items	Description
S1	746034	WEIGH? OR INFLUENC? OR SCORE? ? OR SCORING OR GRADE? ? OR - GRADING OR RATE? ? OR RATING? ?
S2	580632	WORD? ? OR KEYWORD? ? OR TERM? ? OR TERMINOLOG??? OR PHRAS- E? ? OR SENTENCE? ? OR EXPRESSION? ? OR STRING? ?(3N)CHARACTE- R? ?
S3	89010	AD OR ADS OR ADVERTIS??? OR ADVERTISEMENT? ? OR PROMOTION?? OR BANNER? ?
S4	7869	(ADD?? OR ADDING OR ADDITION? ? OR SUM? ? OR SUMM??? OR SU- MMATION OR TOTAL?) (5N)S1:S2(5N) (NEAR? OR CLOSE OR PROXIM? OR - APPROXIM?)
S5	231	S4 AND IC=G06F
S6	35155	S1(5N)S2
S7	9	S5(S)S6
S8	4139	(SUM? ? OR SUMM??? OR SUMMATION OR TOTAL?) (5N)S1:S2(5N) (NE- AR? OR CLOSE OR PROXIM? OR APPROXIM?)
S9	139	S8 AND IC=G06F
S10	59	S9(S) (WORD? ? OR KEYWORD? ? OR TERM? ? OR TERMINOLOG???)
S11	54	S10 NOT S7

11/5,K/12 (Item 12 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00749024

Apparatus and method for user interface
Vorrichtung und Methode fur Benutzerschnittstelle
Appareil et methode pour interface d'utilisateur

PATENT ASSIGNEE:

INTERNATIONAL BUSINESS MACHINES CORPORATION, (200123), , Armonk, NY
10504, (US), (Proprietor designated states: all)

INVENTOR:

Barrett, Robert C., 3869 Edenwood Drive, San Jose, California 95121, (US)
Olyha, Robert S., Jr., 8 Meier Road, La Grange, New York 12603, (US)
Rutledge, Joseph D., 11 Sycamore Terrace, Mahopac, New York 10541, (US)

LEGAL REPRESENTATIVE:

Burt, Roger James, Dr. et al (52152), IBM United Kingdom Limited
Intellectual Property Department Hursley Park, Winchester Hampshire
SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 706111 A2 960410 (Basic)
EP 706111 A3 970226
EP 706111 B1 010711

APPLICATION (CC, No, Date): EP 95113658 950831;

PRIORITY (CC, No, Date): US 316983 941003

DESIGNATED STATES: BE; CH; DE; ES; FR; GB; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: G06F-003/033; G06F-003/023

CITED PATENTS (EP B): WO 93/22758 A; US 5012231 A

ABSTRACT EP 706111 A2

A user interface apparatus and method for a computing or processing system employing a graphical user interface is presented. In order to provide a good user feel, and specifically to avoid a feeling of inertia or sluggishness in cursor motion as the user starts or stops movement, the apparatus and method provide a negative inertia transfer function. That is, the cursor movement signal produced by applying the input parameter to a transfer function in accordance with the invention is related to a sum of (i) the input parameter, and (ii) a signal related to the rate of change of the input parameter. This is preferably implemented as an additive high-pass transfer function. Preferred embodiments can employ analog circuitry or a digitally programmed transfer function algorithm. The input parameter to which the transfer function is applied can be a magnitude signal, such as that from a polar coordinate system, or separate components, such as x- and y-components from a rectangular coordinate system, can be treated separately. (see image in original document)

ABSTRACT WORD COUNT: 188

NOTE:

Figure number on first page: 4

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination:	000503 A2	Date of dispatch of the first examination report: 20000315
Application:	960410 A2	Published application (A1with Search Report ;A2without Search Report)
Lapse:	020717 B1	Date of lapse of European Patent in a contracting state (Country, date): BE 20010711, SE 20011011,
Lapse:	020130 B1	Date of lapse of European Patent in a contracting state (Country, date): SE 20011011,
Change:	001018 A2	Title of invention (German) changed: 20000831
Grant:	010711 B1	Granted patent
Oppn None:	020703 B1	No opposition filed: 20020412
Examination:	961023 A2	Date of filing of request for examination: 960827
Change:	970205 A2	Obligatory supplementary classification (change)
Search Report:	970226 A3	Separate publication of the European or

International search report

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	1143
CLAIMS B	(English)	200128	1182
CLAIMS B	(German)	200128	1053
CLAIMS B	(French)	200128	1262
SPEC A	(English)	EPAB96	8631
SPEC B	(English)	200128	8765
Total word count - document A			9776
Total word count - document B			12262
Total word count - documents A + B			22038

...SPECIFICATION less coding space was used. However, in implementations where there are no significant limitations on memory space, a suitable programming technique for calculating z in terms of a closer numerical approximation of the square-root-of- \sum -of-squares formula given in the definition may advantageously be used.

In step (1b), z is reduced to a maximum value of 255, assuming that...

...SPECIFICATION is defined, in the Definitions, as the familiar square root of the sum of the squares of x and y , step (1a) computes z in terms of a numerical approximation thereof. In the particular implementation given in the APPENDIX, program memory space was short, so an approximation taking up less coding space was used. However, in implementations where there are no significant limitations on memory space, a suitable programming technique for calculating z in terms of a closer numerical approximation of the square-root-of- \sum -of-squares formula given in the definition may advantageously be used.

In step (1b), z is reduced to a maximum value of 255, assuming that...

11/5,K/13 (Item 13 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00697783

Neural network with reduced calculation amount.

Neuronales Netzwerk mit reduzierter Berechnungsmenge.

Reseau neuronal avec quantite de calcul reduite.

PATENT ASSIGNEE:

NIPPON TELEGRAPH AND TELEPHONE CORPORATION, (686334), 1-1-6,
Uchisaiwai-cho, Chiyoda-ku, Tokyo-to, (JP), (applicant designated
states: DE;FR;GB)

INVENTOR:

Aihara, Kimihisa, 6-202, 861-1, Ishida, Isehara-shi, Kanagawa-ken, (JP)
Uchimura, Kuniharu, 5-11-13, Morinosato, Atsugi-shi, Kanagawa-ken, (JP)

LEGAL REPRESENTATIVE:

Ritter und Edler von Fischern, Bernhard, Dipl.-Ing. et al (9672),
Hoffmann, Eitle & Partner, Patentanwalte, Arabellastrasse 4, D-81925
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 664516 A2 950726 (Basic)
EP 664516 A3 951220

APPLICATION (CC, No, Date): EP 95100620 950118;

PRIORITY (CC, No, Date): JP 943885 940119; JP 944043 940119; JP 94165641
940718

DESIGNATED STATES: DE; FR; GB

RELATED DIVISIONAL NUMBER(S) - PN (AN):
(EP 113124)

INTERNATIONAL PATENT CLASS: G06F-015/80;

ABSTRACT EP 664516 A2

A neural network circuit and a processing scheme using the neural network circuit in which a synapse calculation for each input value and a corresponding synapse weight of each input value which are expressed by binary bit sequences is carried out by using a sequentially specified bit of the corresponding synapse weight, a summation calculation for

sequentially summing synapse calculation results for the input values is carried out to obtain a summation value, a prescribed nonlinear processing is applied to the obtained summation value so as to determine the output value, whether the obtained summation value reached to a saturation region of a transfer characteristic of the prescribed nonlinear processing is judged, the synapse calculation and the summation calculation are controlled to sequentially carry out the synapse calculation from upper bits of the corresponding synapse weight, and to stop the synapse calculation and the summation calculation whenever it is judged that the obtained summation value reached to the saturation region. (see image in original document)

ABSTRACT WORD COUNT: 167

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 000823 A2 Application number of divisional application
(Article 76) changed: 20000630
Examination: 20000405 A2 Date of dispatch of the first examination
report: 20000217
Application: 950726 A2 Published application (Alwith Search Report
;A2without Search Report)
Examination: 950726 A2 Date of filing of request for examination:
950118
Search Report: 951220 A3 Separate publication of the European or
International search report
*Assignee: 960508 A2 Applicant (transfer of rights) (change): NIPPON
TELEGRAPH AND TELEPHONE CORPORATION (686339)
19-2 Nishi-Shinjuku 3-chome Shinjuku-ku, Tokyo
163-19 (JP) (applicant designated states:
DE;FR;GB)
*Assignee: 960508 A2 Previous applicant in case of transfer of
rights (change): NIPPON TELEGRAPH AND TELEPHONE
CORPORATION (686334) 1-1-6, Uchisaiwai-cho
Chiyoda-ku, Tokyo-to (JP) (applicant designated
states: DE;FR;GB)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	8348
SPEC A	(English)	EPAB95	19515
Total word count - document A			27863
Total word count - document B			0
Total word count - documents A + B			27863

...SPECIFICATION the synapse calculation result changes from that with a larger absolute value to that with a smaller absolute value as the calculation progresses. In other words, the summation value gradually approaches from the approximated value to the accurate value. Then, when the summation value exceeds the second saturation region boundary value, it can be ascertained that the summation result...the synapse calculation result changes from that with a larger absolute value to that with a smaller absolute value as the calculation progresses. In other words, the summation value gradually approaches from the approximated value to the accurate value. Then, when the summation value exceeds the first or second saturation region boundary value, it can be ascertained that the...

11/5,K/14 (Item 14 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00648042

Natural language processing system.

Natursprachenverarbeitungssystem.

Systeme de traitement de language naturel.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,
Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Sharman, Richard, 18 Blenheim Avenue, Highfield, Southampton, Hampshire
SO2 1DU, (GB)

LEGAL REPRESENTATIVE:

Davies, Simon Robert (75451), I B M UK Intellectual Property Department
Hursley Park, Winchester, Hampshire SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 625758 A1 941123 (Basic)

APPLICATION (CC, No, Date): EP 94300701 940131;

PRIORITY (CC, No, Date): GB 9308240 930421

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-015/419; G06F-015/38;

ABSTRACT EP 625758 A1

A B-tree 21 is used to store natural language data, for example as part of a speech recognition or speech synthesis system. The B-tree is arranged in a hierarchy, with each node pointing to two nodes in the level below. Each node contains a test value (a word), and data relating to that test value (or a reference to a storage location where the data is maintained). The data is accessed by starting at the top of the tree and comparing the desired word with the test value for that node. Depending on the relative alphabetical ordering of the desired word and the test value, the appropriate branch from that node is followed. This process is continued down the tree until a test value corresponding to the desired word is located. The B-tree is arranged so that frequency of occurrence of the test values in natural language decreases substantially monotonically as the tree is descended. (see image in original document)

ABSTRACT WORD COUNT: 162

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 941123 A1 Published application (A1with Search Report
;A2without Search Report)

Withdrawal: 960306 A1 Date on which the European patent application
was deemed to be withdrawn: 950524

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	EPABF2	518
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SPEC A	(English)	EPABF2	5402
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Total word count - document A	5920
-------------------------------	------

Total word count - document B	0
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Total word count - documents A + B	5920
------------------------------------	------

...SPECIFICATION a word $w(\text{sub}(i))$ in terms of frequency, and $P(w(\text{sub}(i)))$ is the probability of the word $w(\text{sub}(i))$ (nb the **expression** should only be treated as an **approximation** since it **sums** to greater than one after some 12,000 **words** : a more accurate expression has been provided by Mandelbrot). The performance of a traditional B-tree structure for such skewed data is no longer optimal...

11/5,K/16 (Item 16 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00564429

Object shape expression apparatus.

Verfahren zur Erzeugung einer Objektformbeschreibung.

Appareil pour fournir une description de la forme d'un objet.

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza Kadoma,
Kadoma-shi, Osaka-fu, 571, (JP), (applicant designated states:
DE;FR;GB)

INVENTOR:

Sato, Junichi, 25-3-105, Mido-cho, Kadoma-shi, Osaka-fu 571, (JP)

Nakagawa, Masamichi, D-405, 1-9-4, Nasuzukuri, Hirakata-shi, Osaka-fu 573
, (JP)

LEGAL REPRESENTATIVE:

Eisenfuhr, Speiser & Partner (100151), Martinistrasse 24, D-28195 Bremen,

(DE)
PATENT (CC, No, Kind, Date): EP 562449 A2 930929 (Basic)
EP 562449 A3 950329
APPLICATION (CC, No, Date): EP 93104419 930318;
PRIORITY (CC, No, Date): JP 9262997 920319
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G06F-015/72;

ABSTRACT EP 562449 A2

The object shape expression apparatus includes a surface data producing units (302, 305, 401, 402) which produces three dimensional coordinate data of the object (201) surface by impinging a slit light (303) on the object (201). A surface orientation calculation means (101) calculates tilted angle of normal lines extended from said object (201) surface defined by said three dimensional coordinate data. An area dividing unit (104) divides the three dimensional data into a plurality of sets such that the surface orientation ((theta) and (phi)) included in each sets are within a predetermined range. Each of thus obtained sets of three dimensional coordinate data represents a single unit of areas (Sij) conforming the object (201) surface. A plane patch generator (105) generates flat or curved plane patches for each of area (Sij) to form a three dimensional model data representing the object (201). Since the object surface (201) is divided into areas based on the surface orientation thereof, the portion changing its configuration greater is expressed by more areas (Sij). (see image in original document)

ABSTRACT WORD COUNT: 176

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 010829 A2 International Patent Classification changed:
20010712
Application: 930929 A2 Published application (A1with Search Report
;A2without Search Report)
Refusal: 020724 A2 Date European patent application was refused:
20020304
Examination: 930929 A2 Date of filing of request for examination:
930318
Search Report: 950329 A3 Separate publication of the European or
International search report
Examination: 981014 A2 Date of despatch of first examination report:
980831

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	637
SPEC A	(English)	EPABF1	2820
Total word count - document A			3457
Total word count - document B			0
Total word count - documents A + B			3457

...SPECIFICATION triangular patches are extracted at a constant pitch of declination angle (theta) from the center of the rotating axis of the object 201. In other words, the problem exists that the greater the distance any surface of the object is from the rotating axis, the larger the triangular patches used and the rougher the approximation of the expression regardless of the surface shape.

SUMMARY OF THE INVENTION

The object of the present invention is therefore to provide an imaging device which solves these problems.

The present invention has been...

11/5,K/18 (Item 18 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00522837

Method and system for natural language translation
Verfahren und System zur Sprachubersetzung

Methode et systeme de traduction en langage naturel

PATENT ASSIGNEE:

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, (US)
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LEGAL REPRESENTATIVE:

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, (DE)

PATENT (CC, No, Kind, Date): EP 525470 A2 930203 (Basic)
EP 525470 A3 940413
EP 525470 B1 000405

APPLICATION (CC, No, Date): EP 92111725 920710;

PRIORITY (CC, No, Date): US 736278 910725

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G06F-017/28

CITED PATENTS (EP A): WO 9010911 A; WO 9010911 A; EP 357344 A; EP 399533 A;
EP 327266 A

CITED PATENTS (EP B): EP 327266 A; EP 357344 A; EP 399533 A; WO 90/10911 A

ABSTRACT EP 525470 A2

The present invention is a system for translating text from a first source language into a second target language. The system assigns probabilities or scores to various target-language translations and then displays or makes otherwise available the highest scoring translations. The source text is first transduced into one or more intermediate structural representations. From these intermediate source structures a set of intermediate target-structure hypotheses is generated. These hypotheses are scored by two different models: a language model which assigns a probability or score to an intermediate target structure, and a translation model which assigns a probability or score to the event that an intermediate target structure is translated into an intermediate source structure. Scores from the translation model and language model are combined into a combined score for each intermediate target-structure hypothesis. Finally, a set of target-text hypotheses is produced by transducing the highest scoring target-structure hypotheses into portions of text in the target language. The system can either run in batch mode, in which case it translates source-language text into a target language without human assistance, or it can function as an aid to a human translator. When functioning as an aid to a human translator, the human may simply select from the various translation hypotheses provided by the system, or he may optionally provide hints or constraints on how to perform one or more of the stages of source transduction, hypothesis generation and target transduction. (see image in original document)

ABSTRACT WORD COUNT: 244

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Oppn None: 010321 B1 No opposition filed: 20010106
Grant: 20000405 B1 Granted patent
Lapse: 020327 B1 Date of lapse of European Patent in a
contracting state (Country, date): DE
20000706,
Application: 930203 A2 Published application (A1with Search Report
;A2without Search Report)

Examination: 930714 A2 Date of filing of request for examination: 930519

Change: 940406 A2 Obligatory supplementary classification (change)

Search Report: 940413 A3 Separate publication of the European or International search report

*Assignee: 970205 A2 Applicant (transfer of rights) (change): International Business Machines Corporation (200120) Old Orchard Road Armonk, N.Y. 10504 (US) (applicant designated states: DE;FR;GB;IT)

Examination: 970730 A2 Date of despatch of first examination report: 970613

Change: 991124 A2 International Patent Classification changed: 19991005

Change: 991208 A2 Legal representative(s) changed 19991015

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200014	1928
CLAIMS B	(German)	200014	1620
CLAIMS B	(French)	200014	2129
SPEC B	(English)	200014	39424
Total word count - document A			0
Total word count - document B			45101
Total word count - documents A + B			45101

...SPECIFICATION be practical, the method 3204 must be implemented carefully. At the i th iteration, a pair of classes to be merged must be selected from amongst **approximately** $(V - i)/2$ pairs. The **score** of the partition obtained by merging any particular pair is the **sum** of $(V - i)/2$ **terms**, each of which involves a logarithm. Since altogether there are $V - C$ merges, this straight-forward approach to the computation is of order V^5 . This...

...of the time involved in computing $I_k(i, j)$ is devoted to computing the sums on the second line of equation 18. Each of these **sums** has **approximately** $V - k$ **terms** and so this reduces the problem of evaluating $I_k(i, j)$ from one of order V^2 to one of order V .

Suppose that the quantities...as discussed in detail in Sections 8 - 10. This sum is often too expensive to compute directly since the number of alignments increases exponentially with **sentence** length. In the mathematical considerations of this Section, this **sum** will be **approximated** by the single **term** corresponding to the alignment, $(f(\text{vertical bar})e)$, with greatest probability. This is the Viterbi approximation already discussed in Sections 8 - 10 and $(f(\text{vertical}...$

11/5,K/20 (Item 20 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
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00484666

Neural network
Neuronale Netzwerke
Reseau neuronal
 PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku, Tokyo, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Mita, Yoshinobu, 33-17, Sugao 6-chome, Miyamae-ku,, Kawasaki-shi, Kanagawa-ken,, (JP)

LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. 2-5 Warwick Court High Holborn, London WC1R 5DJ, (GB)

PATENT (CC, No, Kind, Date): EP 461902 A2 911218 (Basic)
 EP 461902 A3 940119
 EP 461902 B1 981223

APPLICATION (CC, No, Date): EP 91305363 910613;

PRIORITY (CC, No, Date): JP 90153938 900614; JP 90153939 900614; JP 90161903 900619; JP 90161904 900619; JP 90161907 900619; JP 90161908 900619

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-015/80;

CITED REFERENCES (EP A):

PROCEEDINGS OF THE 1990 AMERICAN CONTROL CONFERENCE vol. 2, 23 May 1990, SAN DIEGO, USA pages 1839 - 1842 CAGLAYAN 'A neural net approach to space vehicle guidance'

1990 IEEE INTERNATIONAL SYMPOSIUM ON CIRCUITS AND SYSTEMS vol. 4, 1 May 1990, NEW ORLEANS, USA pages 2951 - 2954 MARCHESI 'Design of multi-layer neural networks with powers-of-two weights'

IEEE COMMUNICATIONS MAGAZINE vol. 27, no. 11, November 1989, PISCATAWAY, NJ US pages 41 - 46 LE CUN 'Handwritten digit recognition : applications of neural network chips and automatic learning'

IJCNN INTERNATIONAL JOINT CONFERENCE ON NEURAL NETWORKS vol. 1, 19 June 1989, WASHINGTON, USA pages 251 - 258 MATSUOKA 'Syllable recognition using integrated neural networks'

IEEE INTERNATIONAL CONFERENCE ON NEURAL NETWORKS 24 July 1988, SAN DIEGO, USA pages 525 - 532 SAMAD 'Towards connectionist rule-based systems'

PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON CIRCUITS AND SYSTEMS vol. 4, 1 May 1990, NEW ORLEANS, USA pages 2951 - 2954 MARCHESI 'Design of multi-layer neural networks with powers-of-two weights'

1989 IEEE INTERNATIONAL SYMPOSIUM ON CIRCUITS AND SYSTEMS vol. 1, 8 May 1989, PORTLAND, USA pages 146 - 149 TSENG 'A systolic power-of-two multiplier structure'

1990 IEEE INTERNATIONAL SYMPOSIUM ON CIRCUITS AND SYSTEMS vol. 2, 1 May 1990, NEW ORLEANS, USA pages 1066 - 1068 PINO 'A 1 MHz compact digitally controlled perceptron integrated circuit implementation with process insensitivity'

IEEE ACOUSTICS, SPEECH, AND SIGNAL PROCESSING MAGAZINE April 1987, NEW YORK US pages 4 - 22 LIPPMANN 'An introduction to computing with neural nets'

ELECTRONICS LETTERS vol. 25, no. 24, 23 November 1989, ENAGE GB pages 1662 - 1663 MYERS 'Efficient implementation of piecewise linear activation function for digital vlsi neural networks'

TRANSACTIONS OF THE INSTITUTE OF ELECTRONICS AND COMMUNICATION ENGINEERS OF JAPAN, SECTION E vol. E71, no. 12, December 1988, TOKYO JP pages 1259 - 1260 INOUE 'Switched-capacitor building blocks for fuzzy logic and neural networks';

ABSTRACT EP 461902 A2

In a neural network which includes one input layer, one or more intermediate layers and one output layer, neural elements in the input layer and neural elements in the intermediate layer are divided into groups. Arithmetic operations representing the coupling between the neural elements of the input layer and the neural elements of the intermediate layer are put into table form. (see image in original document)

ABSTRACT WORD COUNT: 68

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 911218 A2 Published application (Alwith Search Report ;A2without Search Report)

Search Report: 940119 A3 Separate publication of the European or International search report

Examination: 940810 A2 Date of filing of request for examination: 940609

Examination: 961009 A2 Date of despatch of first examination report: 960821

Grant: 981223 B1 Granted patent

Oppn None: 991215 B1 No opposition filed: 19990924

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9852	668
CLAIMS B	(German)	9852	617
CLAIMS B	(French)	9852	767

SPEC B (English) 9852 7613
Total word count - document A 0
Total word count - document B 9665
Total word count - documents A + B 9665

11/5,K/21 (Item 21 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00396963

Search and retrieval system.

Such- und Wiederauffindungssystem.

Systeme de recherche et de resaisie.

PATENT ASSIGNEE:

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AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 380239 A2 900801 (Basic)
EP 380239 A3 920415

APPLICATION (CC, No, Date): EP 90300543 900118;

PRIORITY (CC, No, Date): US 298366 890118; US 336963 890412; US 436146
891113

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: G06F-015/40; G06F-015/401; G06F-015/403;
G06F-015/411;

CITED PATENTS (EP A): EP 32194 A

CITED REFERENCES (EP A):

ONLINE vol. 9, no. 4, July 1985,
ANN ARBOR, US pages 38 - 42; M.P. HOLLAND: 'ZyINDEX: full text
retrieval power';

ABSTRACT EP 380239 A2

A text search and retrieval system which builds an index representing every word in stored files created by a variety of applications, searches for requested words using the index and ranks the files based on the relative strength of match with the search request. From a display of the ranked filenames, the user can select a file, whereupon the file is tested to determine which one of a plurality of file viewers to deploy. The corresponding viewer is automatically loaded and used to display consecutive screens of information from the selected file. Further searching within the file is accomplished within the context of the viewer by matching character strings of a new search request with words in the items of the file produced by the viewer. To work on a file in view, the user can invoke the software application which created the file by loading the application corresponding to the viewer along with the desired file, without abandoning the search system. (see image in original document)

ABSTRACT WORD COUNT: 170

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 900801 A2 Published application (A1with Search Report
;A2without Search Report)

Search Report: 920415 A3 Separate publication of the European or
International search report

Examination: 921223 A2 Date of filing of request for examination:
921009

Withdrawal: 950419 A2 Date on which the European patent application
was withdrawn: 950215

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1145
SPEC A	(English)	EPABF1	5994
Total word count - document A			7139
Total word count - document B			0
Total word count - documents A + B			7139

...CLAIMS more than twice.

18. A scoring method employing the indexing method of claim 12, further comprising
accepting a search string of two or more distinct words ,
accessing the word record corresponding to the first word and
obtaining the file codes therefrom,
accessing the word record corresponding to the second word and
obtaining the file codes therefrom,
combining the values of the density fields for any two indential
file codes obtained from the preceding steps to...

...combined density score,

comparing the respective position fields for identical file codes,
combining with said combined density score a value indicative of
whether the two words occurred in approximately the same location
in the file to yield a total score for the file.

19. In a text search and retrieval system, a method of displaying a
plurality of items in response to a search request...

11/5,K/22 (Item 22 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00305429

Text processing device for stenographic typing.

Textverarbeitungsgerat zum stenographischen Drucken.

Appareil processeur de texte pour impression stenographique.

PATENT ASSIGNEE:

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BA Eindhoven, (NL), (applicant designated states: DE;FR;GB;IT;NL)

INVENTOR:

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LEGAL REPRESENTATIVE:

Strijland, Wilfred et al (21291), INTERNATIONAAL OCTROOIBUREAU B.V. Prof.
Holstlaan 6, NL-5656 AA Eindhoven, (NL)

PATENT (CC, No, Kind, Date): EP 282111 A1 880914 (Basic)

APPLICATION (CC, No, Date): EP 88200256 880212;

PRIORITY (CC, No, Date): NL 87410 870219

DESIGNATED STATES: DE; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: G06F-015/20;

CITED REFERENCES (EP A):

IBM TECHNICAL DISCLOSURE BULLETIN, vol. 21, no. 9, 9th February 1979,
pages 3796-3797, New York, US; S.J.P.TODD: "Abbreviated typing for word
processing"

IBM TECHNICAL DISCLOSURE BULLETIN, vol. 25, no. 2, July 1982, pages
678-682, New York, US; D.M.HOWELL et al.: "Message compression with
human-readable abbreviations";

ABSTRACT EP 282111 A1

The invention provides a text processing device, comprising an
alphanumeric keyboard, a translation device, a read/write memory and a
display device. Given, frequently occurring words can be entered in
abbreviated form. Words of a main set are entered by way of a sequence of
two or more key strokes. At least the first two thereof each define a
word part to be separately pronounced, for example, in that they
constitute the first letters of respective syllables. The full word is
formed by the translation device in that each time at least one missing

letter is inserted between two successively entered letters. By also providing one or more smaller auxiliary sets of abbreviations, the overall saving as regards the number of key strokes required is increased.

ABSTRACT WORD COUNT: 129

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 880914 A1 Published application (A1with Search Report
;A2without Search Report)
Examination: 890510 A1 Date of filing of request for examination:
890309
Examination: 910102 A1 Date of despatch of first examination report:
901115
Withdrawal: 921202 A1 Date on which the European patent application
was deemed to be withdrawn: 920605

LANGUAGE (Publication,Procedural,Application): English; English; Dutch

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	601
SPEC A	(English)	EPABF1	3780
Total word count - document A			4381
Total word count - document B			0
Total word count - documents A + B			4381

...SPECIFICATION x-, being the last letter of the first syllable, defines the beginning of the second syllable.

In total, table Ia contains 11 exceptions and 42 **words** of the principal set. The situation is similar in other tables. The number of **words** of the principal set, therefore, amounts to **approximately** 4/5 of the **total** number of **words** for which an abbreviated form is provided. This fraction may be higher or lower. The higher the fraction, the easier learning will be. The latter...

...be. However, sometimes flexibility of use will demand priority over a systematic approach. The main set consists of sequences which do not form valid **words** in standard texts. The **word** -alm- is actually a German **word**, the **word** -do- is a musical note, -eg- is an agricultural implement, -es- is a kind of tree, -eva- is a female first name; all these **words** generally do not occur in standard texts used in an office environment. Should one or more abbreviated forms be problematic, they can be blocked by...

11/5,K/23 (Item 23 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00209414

Message transmission network.

Nachrichtenubertragungsnetzwerk.

Reseau de transmission de messages.

PATENT ASSIGNEE:

Teradata Corporation, (479110), 100 North Sepulveda Boulevard, El Segundo
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BE;CH;DE;FR;GB;LI;NL)

INVENTOR:

Neches, Philip Malcolm, 2075 Lambert Drive, Pasadena California 91107,
(US)

LEGAL REPRESENTATIVE:

Sturt, Clifford Mark et al (50501), MARKS & CLERK 57-60 Lincoln's Inn
Fields, London WC2A 3LS, (GB)

PATENT (CC, No, Kind, Date): EP 233993 A2 870902 (Basic)
EP 233993 A3 880113
EP 233993 B1 910828

APPLICATION (CC, No, Date): EP 86114191 820401;

PRIORITY (CC, No, Date): US 250094 810401

DESIGNATED STATES: BE; CH; DE; FR; GB; LI; NL

RELATED PARENT NUMBER(S) - PN (AN):

EP 70083

INTERNATIONAL PATENT CLASS: G06F-015/16; G06F-015/40; G06F-011/20;

CITED PATENTS (EP A): US 4251879 A; EP 29502 A

CITED REFERENCES (EP A):

FTCS-8, THE 8th ANNUAL INTERNATIONAL CONFERENCE ON FAULT-TOLERANT COMPUTING, Toulouse, 21st-23rd June 1973, pages 117-122, IEEE, New York, US; D. POWELL et al.: "RHEA: A system for reliable and survivable interconnection of real-time processing elements"

Idem

IBM TECHNICAL DISCLOSURE BULLETIN, vol. 22, no. 12, May 1980, pages 5450-5452, New York, US; F. CLOSS et al.: "Distributed star network with unrooted tree topology";

ABSTRACT EP 233993 A2

The present invention provides a message transmission network having a plurality of terminals for coupling to different data processing systems or devices that are to intercommunicate in arbitrary combinations. The network comprises a plurality of signal transmission means extending between the terminals, each said transmission means comprising a plurality of bidirectional message switching nodes (54) serially intercoupled by transmission links. The message switching nodes are intercoupled in a converging configuration from the terminals, meeting at a common recirculation node (54a), and include means for returning the message from any terminal via the common recirculation node to all the terminals in the diverging direction.

ABSTRACT WORD COUNT: 107

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 870902 A2 Published application (Alwith Search Report ;A2without Search Report)
Examination: 870902 A2 Date of filing of request for examination: 861020
Change: 880107 A2 Obligatory supplementary classification (change)
Search Report: 880113 A3 Separate publication of the European or International search report
Examination: 900221 A2 Date of despatch of first examination report: 890105
*Assignee: 910508 A2 Applicant (name, address) (change)
Grant: 910828 B1 Granted patent
Oppn None: 920819 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	335
CLAIMS B	(German)	EPBBF1	324
CLAIMS B	(French)	EPBBF1	395
SPEC B	(English)	EPBBF1	27132
Total word count - document A			0
Total word count - document B			28186
Total word count - documents A + B			28186

...SPECIFICATION all the nodes, there is zero skew between the word clocks. For this reason the processors coupled to the network are freed from any constraints as to the total length of the path between one processor and another, because additive delays and differential propagation times are eliminated.

To produce the double frequency byte clock, the word clock signal is replicated at a delay (tau)(sub(c)) by the delay line 101, which also feeds the gate 100. Thus, as seen in in the waveform labeled byte clock in Fig. 7, at either edge of the word...

11/5,K/35 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00745514 **Image available**

METHOD FOR CALCULATING CREDIT EVENT AND DEFAULT ADD-ON FOR SPECIFIC ISSUER RISK

METHODE DE CALCUL D'UN ACCROISSEMENT DES RISQUES D'EVENEMENT DE CREDIT ET DES RISQUES DE DEFAILLANCE RELATIFS A UN RISQUE EMETTEUR SPECIFIQUE

Patent Applicant/Assignee:

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Inventor(s):

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GOLDBERG Martin, 29 Blair Avenue, Metuchen, NY 08840, US,

Legal Representative:

WEINER Samuel H (et al) (agent), Ostrolenk, Faber, Gerb & Soffen, LLP, 1180 Avenue Of The Americas, New York, NY 10036, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200058887 A2 20001005 (WO 0058887)

Application: WO 2000US6549 20000313 (PCT/WO US0006549)

Priority Application: US 99282898 19990331

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10039

English Abstract

French Abstract

Cette invention a trait a une methode permettant de determiner un accroissement des risques d'evenement et des risques de defaillance pour un portefeuille d'instruments financiers. Dans le cadre de cette methode, il est determine, pour chaque situation de titre de creance du portefeuille, les probabilites de tous les changements possibles dans la cotation du credit de l'instrument, y compris une defaillance possible de l'emetteur et ce, sur une duree fixe; il est egalement determine les changements potentiels de la valeur au marche de la situation resultant de chacun de ces evenements de credit. Il est identifie, pour chaque situation d'une action du portefeuille, un ensemble fini de possibles changements representatifs de la valeur au marche de la situation se trouvant en dehors de la fourchette historique de variations du cours, laquelle fourchette est utilisee pour evaluer les risques du marche. Il est egalement determine les probabilites selon lesquelles ces changements pourraient survenir sur la meme duree fixe que celle utilisee pour le calcul relatif aux instruments financiers. Les risques d'evenement et les risques de defaillance sont modelises en tant que variables aleatoires discretes. Les risques totaux d'evenement et de defaillance sont modelises comme la somme des variables aleatoires discretes independantes. La distribution theorique du risque total encouru par le portefeuille est calculee en tant que variable aleatoire discrete a partir des distributions theoriques des variables aleatoires de composant. Au bout du compte, l'accroissement des risques d'evenement et des risques de defaillance encourus par un portefeuille d'instruments financiers est calcule en tant que fractile de la distribution theorique du risque total qu'encourt ce portefeuille.

Legal Status (Type, Date, Text)

Publication 20001005 A2 Without international search report and to be republished upon receipt of that report.

Examination 20001207 Request for preliminary examination prior to end of
19th month from priority date
Declaration 20011018 Late publication under Article 17.2a
Republication 20011018 A2 With declaration under Article 17(2)(a); without
abstract; title not checked by the International
Searching Authority.

Fulltext Availability:
Detailed Description

Detailed Description

... random
variables converges in distribution to a Gaussian (normal) random
variable as the number of terms tends to infinity. The probability
distribution of such a **sum** is, therefore, **approximately** Gaussian if
the number of its **terms** is large.

Using this fact, the prior art estimates the default and event VaR for a
portfolio with a large number of issuers by assuming...

11/5,K/39 (Item 16 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00574703 **Image available**

ABBREVIATING AND CONDENSING TEXT IN COMPUTER SOFTWARE

ABREVIATION ET CONDENSATION DE TEXTE DANS UN LOGICIEL

Patent Applicant/Assignee:

KUDROLLIS SOFTWARE INVENTIONS PVT LTD,

Inventor(s):

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KUDROLLI Parvez,

KUDROLLI Feroz,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200038076 A1 20000629 (WO 0038076)

Application: WO 99IN64 19991116 (PCT/WO IN9900064)

Priority Application: IN 98827 19981221

Designated States: CA AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: G06F-015/00

International Patent Class: G06F-007/00; G06F-017/00; G06F-017/21;

G06F-017/24; G06F-017/27

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 28220

English Abstract

This invention relates to text abbreviation methods in computer
software. In particular, abbreviation of text into predetermined field
widths (with single or multiple rows) or files, utilizing an operating
system (121), an application program (122), and an abbreviation control
data program (123), along with combinations of prioritized shortening
methods in preference to or in addition to glossaries of acronyms and
word abbreviations using an abbreviation function (127) are disclosed.
The special handling of segments of input contained within pairs of
pre-defined characters, as well as omission of spaces, and conversion of
enumeration word or word sequences to numbers utilizing an abbreviation
data file (124), a parameters sets file (125), and a parameters list
(126), are also disclosed. The omission of spaces and phonetically less
significant characters condenses word sequences, which saves display
space and enables the use of larger type sizes.

French Abstract

L'invention concerne des procedes d'abreviation de texte dans un
logiciel. L'invention concerne plus particulierement l'abreviation de
texte selon des largeurs de zones predeterminees (avec des rangees

simples ou multiples) ou de fichiers, a l'aide d'un systeme d'exploitation (121), d'un programme d'application (122) et d'un programme de donnees de commande d'abreviation (123) ainsi que des combinaisons de procedes permettant de raccourcir le texte preferes au detriment de ou en sus de glossaires classiques d'acronymes et d'abreviation de mots grace a une fonction d'abreviation (127). Ces procedes consistent a manipuler des segments d'entree se trouvant dans des paires de caracteres predefinis, a omettre les espaces ou la ponctuation predefinie, a convertir une enumeration de mots ou une sequence de mots en nombres utilisant un fichier donnees d'abreviation (124). L'invention concerne aussi un fichier de jeux de parametres (125) et une liste de parametres (126). L'omission d'espaces et des caracteres moins signifiants en termes de phonetique permettent d'economiser de l'espace d'affichage et d'utiliser des equipements de dimensions plus grandes.

Fulltext Availability:
Detailed Description

Detailed Description

... with uniform abbreviation.

Note: The abbreviation is considered to be uniform if the total number of characters reduced in abbreviation after separation of each row **approximates** the **sum** of $(SWrdLen - MnWdL) * ShrtPrp$ of all the abbreviatable **words** in the row.

ii) Unutilized blank space(s) are avoided in each of the abbreviated separate rows, unless the unabbreviated input text string is shorter...UoMp,

While separating text string for multiple rows the abbreviation of each row, after separation is considered to be uniform for each row if the **total** reduction of each row in **terms** of UoMp, after separation, **approximates** the $ShrtPrp$ multiplied by the **sum** of UoMp length of the ending portion (after excluding the MnWdL number of preceding characters) of every **word** (which was open for reduction) soon after separation,

V) In Method 26, TotTrPot is converted to UoMp by multiplying it with average length of lower case alphabets in that font and type size and

vi) In Method 30, RdnPot is reckoned as the sum of UoMp length of all **words** comprising a phrase less the UoMp length of corresponding acronym in respect of each contiguous sequence of records with ShRS=6, or UoMp length of each **word** less the UoMp length of the corresponding **word** abbreviation in respect of each record with ShRS=7, provided the result is a positive value.

Proportionally spaced text results in overall reduction of display...

11/5,K/41 (Item 18 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00483339 **Image available**

METHODS FOR ITERATIVELY AND INTERACTIVELY PERFORMING COLLECTION SELECTION IN FULL TEXT SEARCHES

PROCEDES PERMETTANT D'EFFECTUER UNE SELECTION DE COLLECTIONS DANS DES RECHERCHES SUR TEXTE INTEGRAL

Patent Applicant/Assignee:

INFOSEEK CORPORATION,

Inventor(s):

KIRSCH Steven T,

CHANG William I,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9914691 A1 19990325
Application: WO 98US18844 19980910 (PCT/WO US9818844)
Priority Application: US 97928542 19970912; US 97928543 19970912; US
97928294 19970912
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG
MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN
YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY
DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML
MR NE SN TD TG
Main International Patent Class: G06F-017/30
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 11731

English Abstract

A method of selecting a subset of a plurality of document collections for searching in response to a predetermined query is based on accessing a meta-information data file that describes the query significant search terms that are present in a particular document collection correlated to normalized document usage frequencies of such terms within the documents of each document collection. By access to the meta-information data file, a relevance score for each of the document collections is determined. The method then returns an identification of the subset of the plurality of document collections having the highest relevance scores for use in evaluating the predetermined query. The meta-information data file may be constructed to include document normalized term frequencies and other contextual information that can be evaluated in the application of a query against a particular document collection.

French Abstract

L'invention se rapporte a un procede de selection d'un sous-ensemble d'une pluralite de collections de documents destines a faire l'objet d'une recherche, en reponse a une demande preetablie. Ce procede consiste a acceder a un fichier de metadonnees decrivant les termes significatifs de recherche associee a la demande qui sont presents dans une collection de documents particuliere correlee a des frequences normalisees d'utilisation de ces termes au sein des documents de chaque collection de documents. L'accès au fichier de metadonnees permet d'attribuer une note de pertinence a chaque collection de documents. Le procede permet ensuite d'obtenir une identification du sous-ensemble de la pluralite de collections de documents possedant les notes de pertinence les plus elevees en vue de l'utiliser pour evaluer la demande preetablie. Le fichier de metadonnees peut etre construit pour comporter des frequences normalisees de termes de documents et d'autres informations contextuelles qui peuvent etre evaluees dans l'application d'une demande concernant une collection particuliere de documents.

Fulltext Availability:
Detailed Description

Detailed Description

... summary records as fielded text or data.

Thus, the preferred standardized summary record structure preserves a combination offielded data, term frequencies for contextually distinctive search **terms**, and **proximity** information relating the various search **terms** indexed. A collection **summary** record may be generated by either a collection content provider or a collection access provider, though the collection content provider will have more immediate access...

11/5,K/42 (Item 19 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00472993 **Image available**

**'A METHOD AND APPARATUS FOR STORING AND DELIVERING DOCUMENTS ON THE INTERNET
PROCEDE ET APPAREIL DE STOCKAGE ET DE DISTRIBUTION DE DOCUMENTS SUR
L'INTERNET**

Patent Applicant/Assignee:

TIBCO SOFTWARE INC,

Inventor(s):

LAMBERT Mark L,

VAN DER RIJN Daniel J G,

KEMPER David J,

VERKLER Jay L,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9904345 A1 19990128

Application: WO 98US15131 19980721 (PCT/WO US9815131)

Priority Application: US 97897786 19970721

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE

DK DK EE EE ES FI FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK

LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK SL

TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ

MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ

CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-013/00

International Patent Class: H04L-012/26

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 20876

English Abstract

An improved method and apparatus is used for storing and delivering information over the Internet and using Internet technologies. According to one embodiment of the present invention, a method and apparatus for maintaining statistics on a server (204) is disclosed. According to an alternative embodiment, a method and apparatus (204) is disclosed for predicting data that a client device (100) may request from a server on a network. In another embodiment of the present invention, a method and apparatus (204) is disclosed for managing bandwidth between a client device (100) and a network. According to yet another embodiment, a method and apparatus (204) is disclosed for validating a collection of data (200). According to yet another embodiment, a method for providing notification to clients (100) from servers (204) is disclosed.

French Abstract

L'invention concerne les perfectionnements apportés à un procédé et à un appareil utilisés pour le stockage et la distribution d'informations sur l'Internet et utilisant les technologies de l'Internet. Selon un mode de réalisation de la présente invention, le procédé et l'appareil servent à tenir des statistiques sur un serveur (204). Selon un autre mode de réalisation, le procédé et l'appareil (204) servent à prévoir les données qu'un dispositif client (100) peut demander à un serveur réseau. Selon un autre mode de réalisation de l'invention, le procédé et l'appareil (204) servent à gérer la largeur de bande entre un dispositif client (100) et un réseau. Toujours selon un autre mode de réalisation, le procédé et l'appareil (204) permettent de valider une collection de données (200). Selon un dernier mode de réalisation, le procédé permet à des serveurs (204) d'adresser des notifications aux clients (100).

Fulltext Availability:

Detailed Description

Detailed Description

... by the percentage of all the parent page's children that this child has been hit, and M2 by the percentage that this child's **weight** is of the **total** child **weights** on this page. Each of the two scaled **terms** of each child page will therefore **sum** to the parent's **total**, giving the desired behavior that the **sum** of all child **scores** is the parent **score**.

A piece-wise linear **approximation** of logarithmic behavior is obtained

by
dividing the scoring algorithm into two areas, one used when the number
of hits is less than 3N and...

11/5,K/46 (Item 23 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00416644 **Image available**
REAL-TIME DOCUMENT COLLECTION SEARCH ENGINE WITH PHRASE INDEXING
UNITE DE RECHERCHE EN TEMPS REEL DANS UN ENSEMBLE DE DOCUMENTS AVEC
INDEXAGE PAR GROUPES DE MOTS
Patent Applicant/Assignee:
INFOSEEK CORPORATION,
Inventor(s):
KIRSCH Steven T,
CHANG William I,
MILLER Ed R,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9807105 A1 19980219
Application: WO 97US10245 19970612 (PCT/WO US9710245)
Priority Application: US 96696782 19960814
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW
MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN GH KE LS MW
SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE
IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Main International Patent Class: G06F-017/30
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 7580

English Abstract

A collection search system is responsive to a user query against a collection of documents to provide a search report. The collection search system includes a collection index including first predetermined single word and multiple word phrases as indexed terms occurring in the collection of documents, a linguistic parser that identifies a list of search terms from a user query, the linguistic parser identifying the list from second predetermined single words and multiple word phrases, and a search engine coupled to receive the list from the linguistic parser. The search engine operates to intersect the list with the collection index to identify a predetermined document from the collection of documents. The search engine includes an accumulator for summing a relevancy score for the predetermined document that is related to the intersection of the predetermined document with the list.

French Abstract

Système de recherche dans un ensemble de documents, qui répond à l'interrogation d'un utilisateur pour fournir un rapport de recherche. Ledit système comporte un index d'ensemble comportant des premiers mots uniques et groupes de mots multiples prédéterminés en tant que termes indexés apparaissant dans l'ensemble de documents, un analyseur linguistique qui identifie une liste de termes de recherche provenant de l'interrogation d'un utilisateur, ledit analyseur identifiant la liste à partir de seconds mots uniques et groupes de mots multiples prédéterminés, et une unité de recherche couplée de manière à recevoir la liste de l'analyseur. L'unité de recherche fonctionne par recoupement de la liste avec l'index de l'ensemble pour identifier un document prédéterminé dans l'ensemble de documents. Ladite unité comporte un accumulateur permettant d'additionner un score de pertinence pour le document prédéterminé, qui se rapporte au recoupement du document prédéterminé avec la liste.

Fulltext Availability:

. Detailed Description

Detailed Description

... Storing the expanded term-proximity information results in the size of the index typically being on the order of 60 to 70 percent of the **total** size of the document collection.

The **term - proximity** information provides an additional basis for evaluating the relevancy of the various documents responsive to a particular

3

client query. Conventional search engines can to post-process the client query identified documents to take into account the relative proximity of the search **terms** in individual documents. In effect, a revised relevancy ranking of the documents is generated based on whether and to what degree query **terms** are grouped in close proximity to one another within the identified document.

File 348:EUROPEAN PATENTS 1978-2002/Nov W02
(c) 2002 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20021114,UT=20021107
(c) 2002 WIPO/Univentio

Set	Items	Description
S1	745254	WEIGH? OR INFLUENC? OR SCORE? ? OR GRADE? ? OR GRADING OR - RATE? ? OR RATING? ?
S2	580632	WORD? ? OR KEYWORD? ? OR TERM? ? OR TERMINOLOG??? OR PHRAS- E? ? OR SENTENCE? ? OR EXPRESSION? ? OR STRING? ?(3N)CHARACTE- R? ?
S3	298	S1(5N)S2(5N)POSITIV?(5N)NEGATIV?
S4	89010	AD OR ADS OR ADVERTIS??? OR ADVERTISEMENT? ? OR PROMOTION?? OR BANNER? ?
S5	934425	CONTENT OR DOCUMENT? ? OR RECORD? ? OR FILE OR FILES OR DA- TA OR INFORMATION OR TEXT OR WEBPAGE? ? OR PAGE? ? OR WEBSITE? ? OR SITE? ?
S6	229622	S4:S5(5N)(RELATE? ? OR RELATING OR RELATIONSHIP? ? OR ASSO- CIAT??? OR MATCH??? OR COMPARABLE OR CORRESPOND? OR CORRELAT? OR EQUAT? OR SUPPORT? OR MAP????)
S7	176487	S4:S5(5N)(APPLICABL? OR CLOSEST OR PERTINENT OR RELEVANT OR RELEVANCE OR APPROPRIATE OR SUIT???? OR SIGNIFICANT OR SIGNI- FICANCE OR IMPORTAN??)
S8	229291	S4:S5(5N)(SEARCH? OR FIND??? OR LOCATE? ? OR LOCATING OR L- OOK??? OR OBTAIN? OR QUERY??? OR QUERIE? ? OR RETRIEV? OR GET? ? OR GETTING)
S9	45128	S2(5N)(ADD?? OR ADDING OR ADDITION? ? OR SUM? ? OR SUMM??? OR SUMMATION OR TOTAL? OR MULTIPLY??? OR MULTIPLIE? ? OR MULT- IPLICA?)
S10	164503	S1(5N)(ADD?? OR ADDING OR ADDITION? ? OR SUM? ? OR SUMM??? OR SUMMATION OR TOTAL? OR MULTIPLY??? OR MULTIPLIE? ? OR MULT- IPLICA?)
S11	35	S3 AND IC=G06F
S12	34976	S1(5N)S2
S13	2268	S2(5N)S4
S14	115925	S2(5N)S5
S15	66	S12(S)S13
S16	-21	S15 AND IC=(G06F OR H04L OR H04M OR H04N)
S17	3262	S12(S)S14
S18	990	S17(S)S6:S7
S19	407	S18(S)S8
S20	194	S19 AND IC=G06F
S21	51	S20/TI,AB,CM
S22	90	S18(S)S4
S23	32	S22 AND IC=G06F
S24	13	S23 NOT (S11 OR S16 OR S21)
S25	2528	S9(S)S12
S26	137	S25(S)S4
S27	20	S26 AND IC=G06F
S28	3863	S10(S)S12
S29	118	S28(S)S4
S30	19	S29 AND IC=G06F
S31	30	S27 OR S30
S32	12	S31 NOT (S11 OR S16 OR S21 OR S24)

11/5,K/5 (Item 5 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01313438

Branch instruction execution device

Vorrichtung zur Ausführung von Verzweigungsbefehlen

Dispositif d'exécution des instructions de branchement

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LEGAL REPRESENTATIVE:

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Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1122638 A2 010808 (Basic)

EP 1122638 A3 020123

APPLICATION (CC, No, Date): EP 2001110865 920622;

PRIORITY (CC, No, Date): JP 91178739 910624; JP 92154525 920521

DESIGNATED STATES: DE; FR; GB; IT

RELATED PARENT NUMBER(S) - PN (AN):

EP 525375 (EP 92110517)

INTERNATIONAL PATENT CLASS: G06F-009/32 ; G06F-009/34

ABSTRACT EP 1122638 A2

A microcomputer MCU adopting the general purpose register method is enabled to have a small program capacity or a high program memory using efficiency and low system cost, while enjoying the advantage of simplification of the instruction de-coding as in the RISC machine having a fixed length instruction format of the prior art, by adopting an instruction format of a fixed length of $2n$ bits which is smaller than the length of the maximum data word fed to instruction execution means.

The control of the coded division is executed by noting the code bits.

ABSTRACT WORD COUNT: 95

NOTE:

Figure number on first page: 19

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010808 A2 Published application without search report

Examination: 010808 A2 Date of request for examination: 20010529

Change: 011114 A2 Inventor information changed: 20010925

Search Report: 020123 A3 Separate publication of the search report

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200132	721
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SPEC A	(English)	200132	28471
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Total word count - document A	29192
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Total word count - document B	0
-------------------------------	---

Total word count - documents A + B	29192
------------------------------------	-------

INTERNATIONAL PATENT CLASS: G06F-009/32 ...

... G06F-009/34

...SPECIFICATION all the quotient bits are determined.

c) Case of A (divide) B ($A \leq 0$, $B \leq 0$, A and B: complements of 2)

The **weight** 1 of the LSB of the dividend is subtracted in advance from the dividend having the LSB. **Negative expressions** of the dividend and the present embodiment are complements of 1, and the **positive expression** is smaller than the intrinsic value by the **weight** 1 of the LSB. The code bit MSB is set to 1, if less than 0, and to 0 if more than 0. Since the...

...of the present embodiment is 0.

d) Case of A (divide) B ($A \leq 0$, $B > 0$, A and B: complements of 2)

The **weight** 1 of the LSB of the dividend is subtracted in advance from the dividend having the LSB. **Negative expressions** of the dividend and the present embodiment are complements of 1, and the **positive expression** is smaller than the intrinsic value by the **weight** 1 of the LSB. The code bit MSB is set to 1, if less than 0, and to 0 if more than 0. Since the...

11/5,K/7 (Item 7 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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01113071

A method for determining a storage-bandwidth optimized memory organization of an essentially digital device

Verfahren zur Bestimmung einer speicherbandbreiteoptimierten Speicherorganisation von einer im wesentlichen digitalen Vorrichtung

Procede pour determiner une organisation de memoire optimisee par largeur de bande de stockage d'un dispositif essentiellement digitale

PATENT ASSIGNEE:

INTERUNIVERSITAIR MICROELEKTRONICA CENTRUM VZW, (1021501), Kapeldreef 75, 3001 Leuven, (BE), (Applicant designated States: all)

INVENTOR:

Wuytack, Sven, Swertmolenstraat 33, 3020 Herent, (BE)

Catthoor, Francky, Hollebeek 66, 9140 Temse, (BE)

De Man, Hugo, Kluisdelle 7, 3010 Leuven, (BE)

LEGAL REPRESENTATIVE:

Bird, William Edward et al (62355), Bird Goen & Co., Termerestraat 1,
3020 Winksele, (BE)
PATENT (CC, No, Kind, Date): EP 974898 A2 000126 (Basic)
APPLICATION (CC, No, Date): EP 99202437 990723;
PRIORITY (CC, No, Date): US 94124 P 980724
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G06F-009/46

ABSTRACT EP 974898 A2

A formalized method and a design system are described for part of the design decisions, related to memory, involved while designing an essentially digital device. The method and system determine an optimized memory organization starting from a representation of said digital device, the representation describing the functionality of the digital device and comprising data access instructions on basic groups, which are groups of scalar signals. The method and system determine optimized scheduling intervals of said data access instructions such that execution of said functionality with the digital device is guaranteed to be within a predetermined cycle budget, the determining of the optimized scheduling intervals comprising optimizing access conflicts with respect to an evaluation criterion related to the memory cost of said digital device. An optimized memory organization is selected in accordance with the optimized scheduling intervals and the optimized access conflicts.

ABSTRACT WORD COUNT: 142

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 20000126 A2 Published application without search report
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200004	1564
SPEC A	(English)	200004	17271
Total word count - document A			18835
Total word count - document B			0
Total word count - documents A + B			18835

INTERNATIONAL PATENT CLASS: G06F-009/46

...SPECIFICATION more or less equal (although sometimes a distinction is made based on interconnect costs). The pairwise basic group conflict cost can be obtained as a **weighted** sum of a number of cost **terms** that depend on the characteristics of the two BGs involved. Some of these cost **terms** are **positive** (marked with (+) in the following list), meaning that both BGs are stored preferentially together, others are **negative** (marked with (-)), meaning that both BG are preferentially stored in different memories. A conflict cost offset is included in the invention in order to make...

11/5,K/8 (Item 8 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2002 European Patent Office. All rts. reserv.

00999087

Single-chip CPU and microcomputer

Ein-Chip-CPU und -Mikrocomputer

CPU et microordinateur monopuce

PATENT ASSIGNEE:

Hitachi, Ltd., (204145), 6 Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo
101-8010, (JP), (Applicant designated States: all)

Hitachi ULSI Systems Co.,Ltd., (2565312), 22-1, Josuihoncho 5-chome,
Kodaira-shi, Tokyo, (JP), (Applicant designated States: all)

INVENTOR:

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Sakakibara, Eiji, 17-17, Higashi 2-chome, Kunitachi-shi, Tokyo, (JP)

Fukada, Kaoru, Shouburyo, 5-18-30, Midori-cho, Koganei-shi, Tokyo, (JP)

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Baba, Shiro, 4-9-17, Tokura, Kokubunji-shi, Tokyo, (JP)

Kihara, Toshimasa, 7-2-6, Sunagawa-machi, Tachikawa-shi, Tokyo, (JP)

Kurakazu, Keiichi, 5003-12, Kamiyamaguchi, Tokorozawa-shi, Saitama, (JP)

Tsukamoto, Takashi, 10-25-404, Sakae-cho 2-chome, Kodaira-shi, Tokyo,

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Masumura, Shigeki, 28-20-105, Gakuennishi-machi 2-chome, Kodaira-shi,
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Tawara, Yasuhiro, Hitachiwakabahigashiryo, 5-22-3, Josuihon-cho,

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Kashiwagi, Yugo, 790-2-130, Yamaguchi, Tokorozawa-shi Saitama, Tokyo,

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Fujita, Shuya, 334-10, Hikida, Akiruno-shi, Tokyo, (JP)

Ishida, Katsuhiko, 22-13-403, Minami-cho 3-chome, Kokobunji-shi, Tokyo,

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Sawa, Noriko, 5-41-13-104, Mitsuwadai, Wakaba-ku, Chiba-shi, Chiba, (JP)

Asano, Yoichi, 4-11-17, Matsubara, Setagaya-ku, Tokyo, (JP)

Chaki, Hideaki, 2961-1-210, Wakasa-1-chome, Tokorozawa-shi, Saitama, (JP)

Sugawara, Tadahiko, 1-851-13, Ogawa-cho, Kodaira-shi, Tokyo, (JP)

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Watabe, Mitsuru, 1800-504, Ooazs Hirano, Urizura, Naka-gun, Ibaragi, (JP)

LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 902361 A2 990317 (Basic)

EP 902361 A3 020102

APPLICATION (CC, No, Date): EP 98120015 920622;

PRIORITY (CC, No, Date): JP 91178739 910624; JP 92154525 920521

DESIGNATED STATES: DE; FR; GB; IT

RELATED PARENT NUMBER(S) - PN (AN):

EP 525375 (EP 92110517)

INTERNATIONAL PATENT CLASS: G06F-009/38 ; G06F-015/78

ABSTRACT EP 902361 A2

A microcomputer MCU adopting the general purpose register method is enabled to have a small program capacity or a high program memory using efficiency and low system cost, while enjoying the advantage of simplification of the instruction decoding as in the RISC machine having a fixed length instruction format of the prior art, by adopting an instruction format of a fixed length of 2n bits which is smaller than the length of the maximum data word fed to instruction execution means.

The control of the coded division is executed by noting the code bits.

ABSTRACT WORD COUNT: 95

NOTE:

Figure number on first page: 4

LEGAL STATUS (Type, Pub Date, Kind, Text):

Assignee: 010228 A2 Transfer of rights to new applicant: Hitachi,
Ltd. (204145) 6 Kanda Surugadai 4-chome
Chiyoda-ku, Tokyo 101-8010 JP

Hitachi ULSI Systems Co., Ltd. (2565312) 22-1,
Josuihoncho 5-chome Kodaira-shi, Tokyo JP

Application: 990317 A2 Published application (Alwith Search Report
;A2without Search Report)

Search Report: 020102 A3 Separate publication of the search report

Examination: 990317 A2 Date of filing of request for examination:
981116

Change: 990609 A2 Inventor (change)

Change: 990630 A2 Inventor (change)

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9911	647
SPEC A	(English)	9911	30801
Total word count - document A			31448
Total word count - document B			0
Total word count - documents A + B			31448

INTERNATIONAL PATENT CLASS: G06F-009/38 ...
... G06F-015/78

...SPECIFICATION all the quotient bits are determined.

c) Case of A (divide) B ($A \leq 0$, $B \leq 0$, A and B: complements of 2)
The **weight** 1 of the LSB of the dividend is subtracted in advance from the dividend having the LSB. **Negative expressions** of the dividend and the present embodiment are complements of 1, and the **positive expression** is smaller than the intrinsic value by the **weight** 1 of the LSB. The code bit MSB is set to 1, if less than 0, and to 0 if more than 0. Since the...

...of the present embodiment is 0.

d) Case of A (divide) B ($A \leq 0$, $B \geq 0$, A and B: complements of 2)
The **weight** 1 of the LSB of the dividend is subtracted in advance from the dividend having the LSB. **Negative expressions** of the dividend and the present embodiment are complements of 1, and the **positive expression** is smaller than the intrinsic value by the **weight** 1 of the LSB. The code bit MSB is set to 1, if less than 0, and to 0 if more than 0. Since the...

11/5,K/9 (Item 9 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2002 European Patent Office. All rts. reserv.

00999086

Division circuit and method
Dividierschaltung und -verfahren
Circuit et procede de division
PATENT ASSIGNEE:

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101-8010, (JP), (Applicant designated States: all)
Hitachi ULSI Systems Co.,Ltd., (2565312), 22-1, Josuihoncho 5-chome,
Kodaira-shi, Tokyo, (JP), (Applicant designated States: all)

INVENTOR:

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Kurakazu, Keiichi, 5003-12, Kamiyamaguchi, Tokorozawa-shi, Saitama, (JP)
Tsukamoto, Takashi, 10-25-404, Sakae-cho 2-chome, Kodaira-shi, Tokyo,
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Masumura, Shigeki, 28-20-105, Gakuennishi-machi 2-chome, Kodaira-shi,
Tokyo, (JP)
Tawara, Yasuhiro, Hitachiwakabahigashiryo, 5-22-3, Josuihon-cho,
Kodaira-shi, Tokyo, (JP)
Kashiwagi, Yugo, 790-2-130, Yamaguchi, Tokorozawa-shi, Saitama, (JP)
Fujita, Shuya, 334-10, Hikida, Akiruno-shi, Tokyo, (JP)
Ishida, Katsuhiko, 22-13-403, Minami-cho 3-chome, Kokubunji-shi, Tokyo,
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Noriko, Sawa, 5-41-13-104, Mitsuwadai, Wakaba-ku, Chiba-shi, Chiba, (JP)
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Chaki, Hideaki, 2961-1-210, Wakasa-1-chome, Tokorozawa-shi, Saitama, (JP)

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Noguchi, Kouki, 23-18, Kamikitazawa 3-chome, Setagaya-ku Tokyo, (JP)
Watabe, Mitsuru, 1800-504, Ooaza Hirano, Urizura, Naka-gun, Ibaragi, (JP)

LEGAL REPRESENTATIVE:

Strehl Schubel-Hopf & Partner (100941), Maximilianstrasse 54, 80538
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 902358 A2 990317 (Basic)
EP 902358 A3 020102

APPLICATION (CC, No, Date): EP 98120014 920622;

PRIORITY (CC, No, Date): JP 91178739 910624; JP 92154525 920521

DESIGNATED STATES: DE; FR; GB; IT

RELATED PARENT NUMBER(S) - PN (AN):

EP 525375 (EP 92110517)

INTERNATIONAL PATENT CLASS: G06F-007/52

ABSTRACT EP 902358 A2

A microcomputer MCU adopting the general purpose register method is enabled to have a small program capacity or a high program memory using efficiency and low system cost, while enjoying the advantage of simplification of the instruction decoding as in the RISC machine having a fixed length instruction format of the prior art, by adopting an instruction format of a fixed length of $2n$ bits which is smaller than the length of the maximum data word fed to instruction execution means.

The control of the coded division is executed by noting the code bits.

ABSTRACT WORD COUNT: 95

NOTE:

Figure number on first page: 30

LEGAL STATUS (Type, Pub Date, Kind, Text):

Assignee: 010228 A2 Transfer of rights to new applicant: Hitachi,
Ltd. (204145) 6 Kanda Surugadai 4-chome
Chiyoda-ku, Tokyo 101-8010 JP
Hitachi ULSI Systems Co., Ltd. (2565312) 22-1,
Josuihoncho 5-chome Kodaira-shi, Tokyo JP
Application: 990317 A2 Published application (Alwith Search Report
;A2without Search Report)
Search Report: 020102 A3 Separate publication of the search report
Examination: 990317 A2 Date of filing of request for examination:
981116
Change: 990609 A2 Inventor (change)
Change: 990630 A2 Inventor (change)

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9911	1610
SPEC A	(English)	9911	29222
Total word count - document A			30832
Total word count - document B			0
Total word count - documents A + B			30832

INTERNATIONAL PATENT CLASS: G06F-007/52

...SPECIFICATION all the quotient bits are determined.

c) Case of A (divide) B ($A \leq 0$, $B \leq 0$, A and B: complements of 2)

The **weight** 1 of the LSB of the dividend is subtracted in advance from the dividend having the LSB. **Negative expressions** of the dividend and the present embodiment are complements of 1, and the **positive expression** is smaller than the intrinsic value by the **weight** 1 of the LSB. The code bit MSB is set to 1, if less than 0, and to 0 if more than 0. Since the...

...of the present embodiment is 0.

d) Case of A (divide) B ($A \leq 0$, $B \geq 0$, A and B: complements of 2)

The **weight** 1 of the LSB of the dividend is subtracted in advance from the dividend having the LSB. **Negative expressions** of the dividend and the present embodiment are complements of 1, and the **positive expression** is smaller than the intrinsic value by the **weight** 1 of the

LSB. The code bit MSB is set to 1, if less than 0, and to 0 if more than 0. Since the...

11/5,K/11 (Item 11 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00697783

Neural network with reduced calculation amount.
Neuronales netzwerk mit reduzierter Berechnungsmenge.
Reseau neuronal avec quantite de calcul reduite.

PATENT ASSIGNEE:

NIPPON TELEGRAPH AND TELEPHONE CORPORATION, (686334), 1-1-6,
Uchisaiwai-cho, Chiyoda-ku, Tokyo-to, (JP), (applicant designated
states: DE;FR;GB)

INVENTOR:

Aihara, Kimihisa, 6-202, 861-1, Ishida, Isehara-shi, Kanagawa-ken, (JP)
Uchimura, Kuniharu, 5-11-13, Morinosato, Atsugi-shi, Kanagawa-ken, (JP)

LEGAL REPRESENTATIVE:

Ritter und Edler von Fischern, Bernhard, Dipl.-Ing. et al (9672),
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PATENT (CC, No, Kind, Date): EP 664516 A2 950726 (Basic)
EP 664516 A3 951220

APPLICATION (CC, No, Date): EP 95100620 950118;

PRIORITY (CC, No, Date): JP 943885 940119; JP 944043 940119; JP 94165641
940718

DESIGNATED STATES: DE; FR; GB

RELATED DIVISIONAL NUMBER(S) - PN (AN):
(EP 113124)

INTERNATIONAL PATENT CLASS: G06F-015/80

ABSTRACT EP 664516 A2

A neural network circuit and a processing scheme using the neural network circuit in which a synapse calculation for each input value and a corresponding synapse weight of each input value which are expressed by binary bit sequences is carried out by using a sequentially specified bit of the corresponding synapse weight, a summation calculation for sequentially summing synapse calculation results for the input values is carried out to obtain a summation value, a prescribed nonlinear processing is applied to the obtained summation value so as to determine the output value, whether the obtained summation value reached to a saturation region of a transfer characteristic of the prescribed nonlinear processing is judged, the synapse calculation and the summation calculation are controlled to sequentially carry out the synapse calculation from upper bits of the corresponding synapse weight, and to stop the synapse calculation and the summation calculation whenever it is judged that the obtained summation value reached to the saturation region. (see image in original document)

ABSTRACT WORD COUNT: 167

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 000823 A2 Application number of divisional application
(Article 76) changed: 20000630
Examination: 20000405 A2 Date of dispatch of the first examination
report: 20000217
Application: 950726 A2 Published application (Alwith Search Report
;A2without Search Report)
Examination: 950726 A2 Date of filing of request for examination:
950118
Search Report: 951220 A3 Separate publication of the European or
International search report
*Assignee: 960508 A2 Applicant (transfer of rights) (change): NIPPON
TELEGRAPH AND TELEPHONE CORPORATION (686339)
19-2 Nishi-Shinjuku 3-chome Shinjuku-ku, Tokyo
163-19 (JP) (applicant designated states:
DE;FR;GB)

*Assignee: 960508 A2 Previous applicant in case of transfer of rights (change): NIPPON TELEGRAPH AND TELEPHONE CORPORATION (686334) 1-1-6, Uchisaiwai-cho Chiyoda-ku, Tokyo-to (JP) (applicant designated states: DE;FR;GB)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	EPAB95	8348
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SPEC A	(English)	EPAB95	19515
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Total word count - document A	27863
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Total word count - document B	0
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Total word count - documents A + B	27863
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INTERNATIONAL PATENT CLASS: G06F-015/80

...SPECIFICATION 0" while the initial value of the summation value for the monotonously decreasing calculations is set to be "-35".

(b) When the input value is **negative** but the synapse **weight** is **positive** :

The minimum value of the **positive** synapse **weight** expressed by an L digits 2's complementary **expression** is "0", and the maximum value of the positive synapse weight expressed by an L digits 2's complementary expression is "2(sup((L-1...

...35" while the initial value of the summation value for the monotonously decreasing calculations is set to be "0".

(c) When the input value is **positive** but the synapse **weight** is **negative** :

The minimum value of the **negative** synapse **weight** expressed by an L digits 2's complementary **expression** is "-(2(sup((L-1)))", and the maximum value of the negative synapse weight expressed by an L digits 2's complementary expression is "-1...

11/5,K/12 (Item 12 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00599849

Method and system for monitoring and/or controlling the performance of an organization

Verfahren und System zur Überwachung und/oder Steuerung der Leistung einer Organisation

Procede et dispositif pour surveiller et/ou regler la performance d'une organisation

PATENT ASSIGNEE:

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Shen, Shioupyn, 1024 Chipman Drive, Milpitas, California 95035, (US)

LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 587290 A2 940316 (Basic)
EP 587290 A3 940323
EP 587290 B1 000126

APPLICATION (CC, No, Date): EP 93305968 930728;

PRIORITY (CC, No, Date): US 922210 920730; US 96595 930722

DESIGNATED STATES: DE; ES; FR; GB; IT; NL; PT

INTERNATIONAL PATENT CLASS: G06F-017/60

CITED PATENTS (EP A): GB 2221068 A

CITED PATENTS (EP B): GB 2221068 A

CITED REFERENCES (EP A):

IBM SYSTEMS JOURNAL vol. 29, no. 4 , 1990 , ARMONK, NEW YORK US pages 509
- 525 XP000265346 R.L. KATZ 'Business/enterprise modeling'

ICCIM '91. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON COMPUTER
INTEGRATED MANUFACTURING. 2-4 OCTOBER 1991, SINGAPORE pages 89 - 92
A.-W. SCHEER & A. HARS 'From CIM to Enterprise-Wide Data Modelling';

CITED REFERENCES (EP B):

IBM SYSTEMS JOURNAL vol. 29, no. 4 , 1990 , ARMONK, NEW YORK US pages 509
- 525 XP000265346 R.L. KATZ 'Business/enterprise modeling'

ICCIM '91. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON COMPUTER
INTEGRATED MANUFACTURING. 2-4 OCTOBER 1991, SINGAPORE pages 89 - 92
A.-W. SCHEER & A. HARS 'From CIM to Enterprise-Wide Data Modelling';

ABSTRACT EP 587290 A2

A method and system generate performance data relating to the efficiency of an organization and include the steps of and instructions for describing a plurality of performance variables associated with the organization. The performance variables describe measurable properties of the organization. The invention further maps each of the performance variables to a normalized performance variable mapping that has a neutral value and at least one inflection point of the performance variable within a normalized range of values. Each inflection point describes effects of the normalized performance variable in changing from a positive influence to a negative influence on the organization's efficiency. Then the invention assigns a weighting factor to each of the normalized performance variables to produce a plurality of weighted normalized performance variables. The method and system calculate the efficiency of the organization as a function of the plurality of weighted normalized performance variables. The method and system further include the use and maintenance of instruction tables for identifying interactions among the various performance variables. (see image in original document)

ABSTRACT WORD COUNT: 173

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Oppn None: 010110 B1 No opposition filed: 20001027
Grant: 20000126 B1 Granted patent
Lapse: 020626 B1 Date of lapse of European Patent in a
contracting state (Country, date): ES
20000126, FR 20000623, PT 20000426, DE
20000427,
Lapse: 010228 B1 Date of lapse of European Patent in a
contracting state (Country, date): FR
20000623, PT 20000426,
Lapse: 020313 B1 Date of lapse of European Patent in a
contracting state (Country, date): FR
20000623, PT 20000426, DE 20000427,
Application: 940316 A2 Published application (A1with Search Report
;A2without Search Report)
Search Report: 940323 A3 Separate publication of the European or
International search report
Examination: 941117 A2 Date of filing of request for examination:
940921
Examination: 971229 A2 Date of despatch of first examination report:
971106
Change: 981223 A2 International patent classification (change)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200004	1072
CLAIMS B	(German)	200004	1003
CLAIMS B	(French)	200004	1182
SPEC B	(English)	200004	13635
Total word count - document A			0
Total word count - document B			16892
Total word count - documents A + B			16892

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION factor that determines the relative importance of group performance variables 28 to the efficiency of the organization. Details at group level 18 are expressed in **terms** of how a group contributes to its parent organization's overall **rating**. This contribution may be **positive**, **negative**, or inconsequential. A group **rating** is available as its numerical effect on the efficiency rating of the organization and as a signed percentage of the group's maximum possible contribution...

11/5,K/13 (Item 13 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00521707

Microcomputer

Mikrocomputer

Microordinateur

PATENT ASSIGNEE:

Hitachi, Ltd., (204144), 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, (JP), (Proprietor designated states: all)

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INVENTOR:

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Sakakibara, Eiji, 5-22-3, Josuihon-cho, Kodaira-shi, Tokyo, (JP)

Fukada, Kaoru, Shouburyo, 5-18-30, Midori-cho, Koganei-shi, Tokyo, (JP)

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Akao, Yasushi, 4-15-9-505, Higashikoigakubo, Kokubunji-shi, Tokyo, (JP)

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 525375 A2 930203 (Basic)

EP 525375 A3 930421

EP 525375 B1 011128

APPLICATION (CC, No, Date): EP 92110517 920622;

PRIORITY (CC, No, Date): JP 91178739 910624; JP 92154525 920521

DESIGNATED STATES: DE; FR; GB; IT

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 902358 (EP 98120014)

EP 902361 (EP 98120015)

EP 1122638 (EP 2001110865)

INTERNATIONAL PATENT CLASS: G06F-009/38

CITED PATENTS (EP A): EP 427245 A; EP 368332 A; EP 472025 A

CITED PATENTS (EP B): EP 368332 A; EP 427245 A; EP 472025 A

CITED REFERENCES (EP A):

MICROPROCESSORS AND MICROSYSTEMS Vol. 14, No. 2 March 1990, London, GB; pages 89 -96; N.Margulis: "i860 microprocessor internal architecture"
 IBM TECHNICAL DISCLOSURE BULLETIN Vol. 32, no.2, July 1989, Armonk, NY, US; pages 62 - 64; " Cache organisation to maximise fetch bandwidth ";

CITED REFERENCES (EP B):

MICROPROCESSORS AND MICROSYSTEMS Vol. 14, No. 2 March 1990, London, GB; pages 89 -96; N.Margulis: "i860 microprocessor internal architecture"
 IBM TECHNICAL DISCLOSURE BULLETIN Vol. 32, no.2, July 1989, Armonk, NY, US; pages 62 - 64; " Cache organisation to maximise fetch bandwidth ";

ABSTRACT EP 525375 A2

RISC-type microprocessor has a fixed struction lenght of $2^{\sup(n)}$ bits, whilst the data use size is $2^{\sup(m)}$ bits, where m is greater than or equal to n. (see image in original document)

ABSTRACT WORD COUNT: 35

NOTE:

Figure number on first page: 4

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 000927 A2 Title of invention (German) changed: 20000808
 Application: 930203 A2 Published application (Alwith Search Report ;A2without Search Report)
 Grant: 011128 B1 Granted patent
 Assignee: 010228 A2 Transfer of rights to new applicant: Hitachi, Ltd. (204144) 6, Kanda Surugadai 4-chome Chiyoda-ku, Tokyo JP
 Hitachi ULSI Systems Co.,Ltd. (2565312) 22-1, Josuihoncho 5-chome Kodaira-shi, Tokyo JP
 Change: 000927 A2 Title of invention (English) changed: 20000808
 Change: 000927 A2 Title of invention (French) changed: 20000808
 Change: 010627 A2 Application number of divisional application (Article 76) changed: 20010509
 Search Report: 930421 A3 Separate publication of the European or International search report
 Examination: 931215 A2 Date of filing of request for examination: 931019
 *Assignee: 950405 A2 Applicant (transfer of rights) (change): HITACHI, LTD. (204144) 6, Kanda Surugadai 4-chome Chiyoda-ku, Tokyo 100 (JP) (applicant designated states: DE;FR;GB;IT), HITACHI ULSI ENGINEERING CORPORATION (1773081) 5-20-1, Josuihon-cho Kodaira-shi, Tokyo (JP) (applicant designated states: DE;FR;GB;IT), HITACHI MICROCOMPUTER SYSTEM LTD. (1298040) 5-22-1, Josuihon-cho Kodaira-shi, Tokyo (JP) (applicant designated states: DE;FR;GB;IT)
 *Assignee: 950405 A2 Previous applicant in case of transfer of rights (change): HITACHI VLSI ENGINEERING CORPORATION (762562) 5-20-1, Josuihon-cho Kodaira-shi, Tokyo (JP) (applicant designated states: DE;FR;GB;IT)
 Examination: 980422 A2 Date of despatch of first examination report: 980310

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	2020
CLAIMS B	(English)	200148	600
CLAIMS B	(German)	200148	551
CLAIMS B	(French)	200148	700
SPEC A	(English)	EPABF1	30571
SPEC B	(English)	200148	15495
Total word count - document A			32594
Total word count - document B			17346
Total word count - documents A + B			49940

INTERNATIONAL PATENT CLASS: G06F-009/38

...SPECIFICATION item .<...<4.>...> ., if all the quotient bits are determined.

c) Case of A B ($A < 0$, $B < 0$, A and B: complements of 2)

The **weight** 1 of the LSB of the dividend is subtracted in advance from the dividend having the LSB. **Negative expressions** of the dividend and the present embodiment are complements of 1, and the **positive expression** is smaller than the intrinsic value by the **weight** 1 of the LSB. The code bit MSB is set to 1, if less than 0, and to 0 if more than 0. Since the...

...code bit MSB of the present embodiment is 0.

d) Case of A B ($A < 0$, $B > 0$, A and B: complements of 2)

The **weight** 1 of the LSB of the dividend is subtracted in advance from the dividend having the LSB. **Negative expressions** of the dividend and the present embodiment are complements of 1, and the **positive expression** is smaller than the intrinsic value by the **weight** 1 of the LSB. The code bit MSB is set to 1, if less than 0, and to 0 if more than 0. Since the...

11/5,K/14 (Item 14 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00504332

CAPACITIVE STRUCTURES FOR WEIGHTED SUMMATION, AS USED IN NEURAL NETS.
KAPAZITIVE STRUKTUREN FUR BEWERTENDE SUMMIERUNG IN NEURONALEN NETZEN.
STRUCTURES CAPACITIVES D'ADDITION PONDEREE UTILISEES DANS DES RESEAUX NEURONAUX.

PATENT ASSIGNEE:

GENERAL ELECTRIC COMPANY, (203903), 1 River Road, Schenectady, NY 12345,
(US), (applicant designated states: DE;FR;GB;IT;NL)

INVENTOR:

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LEGAL REPRESENTATIVE:

Pratt, Richard Wilson et al (46454), London Patent Operation G.E.
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PATENT (CC, No, Kind, Date): EP 530237 A1 930310 (Basic)
EP 530237 B1 941109
WO 9118360 911128

APPLICATION (CC, No, Date): EP 91909267 910425; WO 91US2855 910425

PRIORITY (CC, No, Date): US 525931 900521; US 526470 900521

DESIGNATED STATES: DE; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: G06F-015/80 ; G06G-007/60; G11C-027/02

CITED PATENTS (WO A): US 4156284 A; US 3691400 A

CITED REFERENCES (WO A):

1989 IEEE International Symposium on circuits and systems, vol 3 of 3, may
1989, portland, us, pages 2177-2180 Hansen : "A time multiplexed switched
capacitor circuit for neural network applications" see page 2177, left
column, line 1 - page 2178, left column, line 6; figure 1

1990 IEEE INTERNATIONAL SYMPOSIUM ON CIRCUITS AND SYSTEMS, VOL 4 OF 4, MAY
1-3, 1990 NEW ORLEANS, LA, US pages 2982 - 2985; CILINGIROGLU:

'capacitive synapses for microelectronic neural networks ' see page
2982, left column, line 1 - right column, line 8; figure 1

1990 IEEE INTERNATIONAL SYMPOSIUM ON CIRCUITS AND SYSTEMS, VOL 4 OF 4, 1-3
MAY 1990, NEW ORLEANS, LA, US pages 2837 - 2840; I-CHANG JOU:

'programmable sc neural networks for solving nonlinear programming
problems ' see page 2837, left column, line 1 - page 2838, left column,
line 34; figures 2,3;

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 930310 A1 Published application (Alwith Search Report
;A2without Search Report)

Examination: 930310 A1 Date of filing of request for examination: 921030
 Examination: 930901 A1 Date of despatch of first examination report: 930716
 Grant: 941109 B1 Granted patent
 Lapse: 950830 B1 Date of lapse of the European patent in a Contracting State: NL 941109
 Oppn None: 951102 B1 No opposition filed
 Lapse: 991020 B1 Date of lapse of European Patent in a contracting state (Country, date): IT 19941109, NL 19941109,

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1601
CLAIMS B	(German)	EPBBF1	1511
CLAIMS B	(French)	EPBBF1	1802
SPEC B	(English)	EPBBF1	18598
Total word count - document A			0
Total word count - document B			23512
Total word count - documents A + B			23512

INTERNATIONAL PATENT CLASS: G06F-015/80 ...

...SPECIFICATION COMMON LINE; and have respective second plates connected by respective ones of single-pole-double-throw electronic switches SW1, SW2, SW3 and SW4 each to **POSITIVE** LINE or to **NEGATIVE** LINE.

Single-pole-double-throw electronic switches SW1, SW2, SW3 and SW4 each provide for connection to **POSITIVE** LINE or to **NEGATIVE** LINE, as determined by a respective bit of a **weighting word**, which **word** is stored in a respective word storage element WSE(sub(i,j)). The least significant bit of the weighting word is stored in a bit...

...is made possible by the method of constructing a pair of capacitors in accordance with the invention. The most significant bit of the four-bit **weighting word** governs connection of capacitive element C4 to **POSITIVE** LINE or to **NEGATIVE** LINE by electronic switch SW4 in the reverse sense that the less significant bits of the **weighting word** govern connections of capacitive elements C1, C2 and C3 to **POSITIVE** LINE or to **NEGATIVE** LINE by electronic switches, or multiplexers SW1, SW2 and SW3. A feeling of why this is done (which is to accommodate the use of two...

...is provided with the bias capacitive element C0 can be gotten from study of the FIGURE 10 table.

The first, second, third and fourth component **terms** in the **NEGATIVE** LINE and **POSITIVE** LINE capacitances (which are to the COMMON LINE) are determined by which of the **NEGATIVE** LINE and **POSITIVE** LINE capacitive elements with **weights** of four, two, one, and one-half are switched to, responsive to the most significant bit, the secondmost significant bit, the thirdmost significant bit and SW23 and SW24 each to **POSITIVE** LINE or to **NEGATIVE** LINE. Single-pole-double-throw electronic switches SW20, SW21, SW22, SW23 and SW24 each provide for connection to **POSITIVE** LINE or to **NEGATIVE** LINE, as determined by a respective bit of a **weighting word**, which **word** is stored in a respective word storage element WSE(sub(i,j))(min). FIGURE 11 shows bit stores BS14, BS10, BS13, BS12 and BS11 as...

...bit stores BS14, BS10, BS13, BS12 and BS11 control electronic switches SW24, SW20, SW23, SW22 and SW21, respectively. The leftmost bit of the five-bit **weighting word** governs connection of capacitive element C24 to **POSITIVE** LINE or to **NEGATIVE** LINE by electronic switch SW24 in the reverse sense that the bits of the **weighting word** to the right govern connections of capacitive elements C20, C23, C22 and C21 to **POSITIVE** LINE or to **NEGATIVE** LINE by electronic switches, or multiplexers SW20, SW23, SW22 and SW21.

Study of the FIGURE 12 table, which tabulates the capacitances between COMMON LINE and each of the **POSITIVE** LINE and **NEGATIVE** LINE

connections for the various one's complement numbers used as **weighting words** in the FIGURE 11 pair of digitally programmable capacitors, helps provide a feeling of how this accommodates the use of one's complement numbers. The first, second, third, fourth and fifth component **terms** in the **NEGATIVE LINE** and **POSITIVE LINE** capacitances (which are to the COMMON LINE) are determined by which of the **NEGATIVE LINE** and **POSITIVE LINE** capacitive elements with **weights** of four, one-half two, one, and one-half are switched to, responsive to the respective bits of the five-bit **weighting word** as read from left to right.

The arithmetic of the one's complement number system for the set of **weighting words** used in the FIGURE 11 capacitor pair has two zeroes, a " **positive** " zero of 00000 and a " **negative** " zero of 11111. When the interstitial memory array IMA has its contents modified by the increment $(\eta) \times (\text{sub}(i))(\delta) (\text{sub}(j))$ supplied in...from left to right within the rectangular box representing the word storage element WSE($\text{sub}(i,j)$). The most significant bit of the eight-bit **weighting word** governs connection of capacitive element C8 to **POSITIVE MS LINE** or to **NEGATIVE MS LINE** by electronic switch SW8 in the reverse sense that the three next most significant bits of the eight-bit **weighting word** govern connection of capacitive elements C7, C6 and C5 to **POSITIVE MS LINE** or to **NEGATIVE MS LINE** by electronic switches SW7, SW6, and SW5 and in the reverse sense that the four least significant bits of the **weighting word** govern connections of capacitive elements C1, C2, C3 and C4 to **POSITIVE LS LINE** or to **NEGATIVE LS LINE** by electronic switches SW1, SW2, SW3 and SW4. The four most significant bits of the eight-bit **weighting word** govern connection of capacitive elements C18, C17, C16 and C15 to **POSITIVE MS LINE** or to **NEGATIVE MS LINE** by electronic switches SW18, SW17, SW16, and SW15 in the reverse sense that it governs connection of capacitive elements C8, C7, C6 and...

...POSITIVE MS LINE or to NEGATIVE MS LINE by electronic switches SW8, SW7, SW6 and SW5. The four least significant bits of the eight-bit **weighting word** govern connection of capacitive elements C14, C13, C12 and C11 to **POSITIVE LS LINE** or to **NEGATIVE LS LINE** by electronic switches SW14, SW13, SW12, and SW11 in the reverse sense that it governs connection of capacitive elements C4, C3, C2 and...

...from left to right within the rectangular box representing the word storage element WSE($\text{sub}(i,j)$)(min). The leftmost bit of the nine-bit **weighting word** stored in bit store BS18 governs connection of capacitive element C28 to **POSITIVE MS LINE** or to **NEGATIVE MS LINE** by electronic switch SW28, depending whether that bit is a ONE or a ZERO; and that leftmost bit also governs connection of capacitive...

...MS LINE by electronic switch SW38, depending whether that bit is a ZERO or a ONE. The next to leftmost bit of the nine-bit **weighting word** stored in bit store BS10 governs connection of capacitive element C20 to **POSITIVE LS LINE** or to **NEGATIVE LS LINE** by electronic switch SW20, depending whether that bit is a ONE or a ZERO; and that next to leftmost bit also governs connection...

11/5,K/15 (Item 15 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00410210

PROCESSOR SUITABLE FOR RECURSIVE COMPUTATIONS
FÜR REKURSIVE BERECHNUNGEN GEEIGNETER PROZESSOR
PROCESSEUR CONVIENT POUR DES CALCULS RECURRENTS
PATENT ASSIGNEE:

THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT
OF THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN, (201674), IRELAND;
Whitehall, London SW1A 2HB, (GB), (applicant designated states:
BE;CH;DE;FR;IT;NL)

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 472519 A1 920304 (Basic)
EP 472519 B1 960207
WO 9014628 901129

APPLICATION (CC, No, Date): EP 89908455 890517; WO 89GB531 890517

PRIORITY (CC, No, Date): EP 89908455 890517; WO 89GB531 890517

DESIGNATED STATES: BE; CH; DE; FR; IT; NL

INTERNATIONAL PATENT CLASS: G06F-007/544 ; G06F-007/49

CITED PATENTS (WO A): EP 249279 A

CITED REFERENCES (EP A):

See also references of WO9014628;

CITED REFERENCES (WO A):

Proceedings Computer Arithmetic, 7th Symposium, 4-6 June 1985, IEEE (US)
L.CIMINIERA et al.: "Efficient Serial-Parallel Arrays for
Multiplication and Addition", pages 28-35

Federation for Information Processing, Congress 1962, Aug/Sept. 1962
North-Holland Publishing, Amsterdam (NL) A.AVIZIENIS: "On a Flexible
Implementation of Digital Computer Arithmetic" pages 664-670

IEEE, 1987, (US) K.K. PARHI et al.: "Look-Ahead Computation" pages
1855-1858;

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 920304 A1 Published application (A1with Search Report
;A2without Search Report)

Examination: 920304 A1 Date of filing of request for examination:
900522

Change: 921216 A1 Representative (change)

Change: 930303 A1 Representative (change)

Change: 940126 A1 Designated Contracting States (change)

Examination: 940914 A1 Date of despatch of first examination report:
940803

Change: 950920 A1 Designated Contracting States (change)

Grant: 960207 B1 Granted patent

Oppn None: 970205 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS B	(English)	EPAB96	1176
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CLAIMS B	(German)	EPAB96	1113
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CLAIMS B	(French)	EPAB96	1399
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SPEC B	(English)	EPAB96	16132
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Total word count - document A			0
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Total word count - document B			19820
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Total word count - documents A + B			19820
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INTERNATIONAL PATENT CLASS: G06F-007/544 ...

... G06F-007/49

...SPECIFICATION an input term digit of highest significance, a first row multiplier cell associated with a coefficient digit of highest significance being also associated with a **negatively weighted** coefficient/input **term** product digit and other multiplier cells being associated with **positively weighted** coefficient/input **term** product digits. This first row multiplier cell may be arranged to add an input term sign bit to coefficient/input term product digits. Multiplier cells ...

...an input magnitude bit by a respective non-redundant binary digit, and

a first row most significant multiplier subcell may be arranged to provide a **negatively weighted** output; other multiplier subcells may provide **positively weighted** outputs, and at least that row which is associated with an input **term** digit of highest significance may have a least significant multiplier cell arranged to add an input term sign bit to products which it forms.

Multiplier...

...CLAIMS of highest significance, characterised in that a first row multiplier cell (304) associated with a coefficient digit of highest significance is also associated with a **negatively weighted** coefficient/input **term** product digit and other multiplier cells (306, 312, 314, 316) are associated with **positively weighted** coefficient/input **term** product digits.

4. A processor according to Claim 3 characterised in that at least the first row has a multiplier cell (316) which is associated...

11/5,K/28 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00749570 **Image available**

METHOD AND SYSTEM FOR TOPICAL SEGMENTATION, SEGMENT SIGNIFICANCE AND
SEGMENT FUNCTION
PROCEDE ET SYSTEME DE SEGMENTATION TOPIQUE, DE CLASSIFICATION DES SEGMENTS
SELON LEUR SIGNIFICATION ET LEUR FONCTION

Patent Applicant/Assignee:

THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, 116th Street
and Broadway, New York, NY 10027, US, US (Residence), US (Nationality)

Inventor(s):

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KLAVANS Judith L, 40 South Drive, Hastings-on-Hudson, NY 10706, US,
KAN Min-Yen, 6809 Tammy Court Drive, Bethesda, MD 20817, US,

Legal Representative:

TANG Henry (agent), Baker Botts LLP, 30 Rockefeller Plaza, New York, NY
10112-0228, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200062194 A2-A3 20001019 (WO 0062194)

Application: WO 2000US9733 20000412 (PCT/WO US0009733)

Priority Application: US 99290643 19990412

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/27

International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 14108

English Abstract

A "domain-general" method for topical segmentation of a document input includes the steps of: extracting one or more selected terms from a document; linking occurrences of the extracted terms based upon the proximity of similar terms; and assigning weighted scores to paragraphs of the document input corresponding to the linked occurrences. In accordance with the present invention, the values of the assigned scores depend upon the type of the selected terms, e.g., common noun, proper noun, pronominal, and the position of the linked occurrences with respect to the paragraphs, e.g., front, during, rear, etc. Upon zero-sum

normalization, the assigned scores represent the boundaries of the topical segments of the document input.

French Abstract

Un procede a visee globale de segmentation topique d'une entree document comprend les etapes suivantes; l'extraction d'au moins un terme selectionne dans un document; la liaison des occurrences des termes extraits en fonction de la proximite de termes similaires; et l'attribution de notes ponderees a des paragraphes de l'entree document correspondant aux occurrences liees. Selon la presente invention, les valeurs des notes ponderees dependent du type des termes selectionnes, par exemple, nom commun, nom propre, pronom, position des occurrences liees par rapport aux paragraphes, par exemple, avant, milieu, arriere, etc. Lors de la normalisation des sommes a zero, les notes attribuees representent les limites des segments topiques de l'entree document.

Legal Status (Type, Date, Text)

Publication 20001019 A2 Without international search report and to be republished upon receipt of that report.
Examination 20010607 Request for preliminary examination prior to end of 19th month from priority date
Search Rpt 20020321 Late publication of international search report
Republication 20020321 A3 With international search report.

Main International Patent Class: **G06F-017/27**

International Patent Class: **G06F-017/30**

Fulltext Availability:

Detailed Description

Detailed Description

... link" paragraphs to ensure that the net sum of the weight assigned by the weighting of each term sums to zero, and thus that the **weighting** of the entire article also sums to zero.

With respect to individual paragraphs, their summed **score** (sum of all **terms**) will result in a **positive** or **negative** total. A **positive score** indicates a boundary, a beginning of a new topical segment, whereas a **negative score** indicates a continuation of a segment. This use of zero-sum **weighting** solves the problem of finding a threshold, since the data is normalized around the value zero.

Examination of Segmenter output indicates that zero-sum weighting...

11/5,K/29 (Item 13 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00545200 **Image available**

METHOD AND SYSTEM FOR DERIVING COMPUTER USERS' PERSONAL INTERESTS

PROCEDE ET SYSTEME DE DETERMINATION DES CENTRES D'INTERET DES INTERNAUTES

Patent Applicant/Assignee:

RULESPACE INC,

Inventor(s):

KAWASAKI Charles,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200008573 A1 20000217 (WO 0008573)

Application: WO 99US17654 19990804 (PCT/WO US9917654)

Priority Application: US 9895296 19980804

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS

LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR

TT UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD

RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF

CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: **G06F-017/30**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9402

English Abstract

A method and system of this invention that provides for profiling a user of the Internet according to predefined categories of interest is described herein (Figure 5). This invention includes scanning content information (Figures 5, 14) of an Internet user to generate unknown data (42) and processing unknown data to determine its relevance to predefined categories of interest (Figures 5, 60). This relevance is indicated in a matching rating system (Figures 5, 56), analyzing attributes such as length of time reviewing content information, frequency of encounter, recency, strength and closeness (Figures 6, 7 and 8).

French Abstract

La presente invention concerne un procede et un systeme permettant de determiner le profil d'un internaute selon des categories predeterminees d'interets personnels (figure 5). Cette invention consiste d'abord a scanner des informations de contenu (figures 5, 14) d'un internaute pour produire des donnees inconnues (42), puis a traiter ces donnees inconnues pour determiner leur pertinence par rapport aux categories d'interets personnels predefinies (figures 5, 60). Cette pertinence est indiquee dans un systeme de taux de correspondance (figures 5, 56), analysant des attributs tels que le temps consacre a la consultation des informations de contenu, la frequence des rencontre, la recence, le force et la proximite (figures 6, 7 et 8). -

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... 60, the software then compares the downloaded page rating to the threshold values applicable to the present user. In a preferred embodiment, the higher the **rating** the more likely the page contains pornographic content. In other **words**, a higher frequency of occurrence of "naughty" **words** (those with **positive weights**) drives the **ratings score** higher in a **positive** direction. Conversely, the presence of other **terms** having **negative weights** drives the **score** lower.

If the **rating** of the present page exceeds the applicable threshold or range of values for the current user, a control signal shown at path 62 controls a...

11/5,K/30 (Item 14 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00514315 **Image available**

METHOD AND APPARATUS FOR COMBINED STUCK-AT FAULT AND PARTIAL-SCANNED
DELAY-FAULT BUILT-IN SELF TEST

PROCEDE ET APPAREIL D'AUTO-TEST INTEGRE COMBINANT LA VERIFICATION DES
DEFAUTS DE TYPE BLOQUE A ET LA VERIFICATION DES DEFAUTS DE RETARD A
BALAYAGE PARTIEL

Patent Applicant/Assignee:

RUTGERS UNIVERSITY,

Inventor(s):

BUSHNELL Michael L,

PARTHASARATHY Ganapathy,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9945667 A1 19990910

Application: WO 99US4480 19990302 (PCT/WO US9904480)

Priority Application: US 9876810 19980303

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD

MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ

VN YU ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE
CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN
GW ML MR NE SN TD TG

Main International Patent Class: H04B-017/00

International Patent Class: G06F-017/50

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11934

English Abstract

This invention relates to a method and apparatus for combined stuck-fault testing and partial scan delay-fault built-in self testing (BIST) (20). For partial scan delay-fault (BIST) (20), the circuit is modeled for breaking all flip-flop feedback cycles in the circuit. A selection of flip-flops to be scanned to break all sequential cycles is determined from an optimal feedback vertex set. A digest, devour and tidy-up (DDT) (4C) heuristic can be used on a weighted signed graph formed from an S-graph of the circuit to determine an optimal feedback vertex set. Determined partial scan delay fault (BIST) (20) hazards can be removed from the circuit by inserting parity flippers to invert selected paths during testing. The same (DDT) (4C) heuristic can be used to determine optimal placement of the parity flippers in the circuit.

French Abstract

L'invention concerne un procede et un appareil offrant deux fonctions de verifications combinees: verification des defauts de type bloque a et verification de type auto-test integre (BIST) (20) des defaut de retard a balayage partiel. Pour ce qui est des defauts de retard (BIST) (20) a balayage partiel, le circuit est modelise pour interrompre tous les cycles de retroaction des bascules du circuit. Une selection de bascules a passer en revue dans le but d'interrompre tous les cycles sequentiels est determinee a partir d'un ensemble optimum de sommets de retroaction. Il est possible d'utiliser une regle heuristique de contraction, elimination massive, classement (4C) sur un graphe signe pondere forme a partir d'un graphe en S du circuit afin de determiner un ensemble optimum de sommets de retroaction. Des risques determines de defaut de retard (BIST) (20) a balayage partiel peuvent etre retires du circuit par insertion d'inverseurs de parite destines a inverser un chemin choisi lors de la verification. Il est possible d'utiliser la meme regle heuristique (4C) pour determiner l'emplacement optimal de l'inverseur de parite dans le circuit.

International Patent Class: G06F-017/50

Fulltext Availability:

Detailed Description

Detailed Description

... X2 X3 ... Xn

and a set of complimented Boolean variables denoted by.

L Xi, X2 X3... X n

A PBF bi-fon-n contains a **positive** bi- term for every **positive** edge in the original WSG before contraction and a **negative** bi- term for every **negative** edge in the original WSG before contraction. Each bi-term is multiplied by its corresponding edge **weight**. The sum of the biterms provides the PBF bi-form @. The PBF bi-form @ is a mathematical representation of the original WSG. Thereafter, Boolean variables...

11/5,K/32 (Item 16 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00420136 **Image available**

PERSONAL FEEDBACK BROWSER

NAVIGATEUR PERSONNEL DE RETOUR D'INFORMATIONS

Patent Applicant/Assignee:

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RAPAPORT Seymour Alvin,
Inventor(s):
RAPAPORT Jeffrey Alan,
RAPAPORT Seymour Alvin,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9810597 A2 19980312
Application: WO 97US15417 19970903 (PCT/WO US9715417)
Priority Application: US 96709762 19960909
Designated States: CA JP KR MX AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL
PT SE
Main International Patent Class: G06F-003/00
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 16966

English Abstract

A personal feedback browser and personal profile database (107) is provided for obtaining media files from the internet (209). A personal feedback browser selects media files (209) based on user-specified information stored in the personal profile database (107). Profile objects can be positioned a specified distance from a self object (210, 215, 220, 204). The personal profile database (107) is also adjusted based upon user selection and absorption of media files (220, 204, 230).

French Abstract

On decrit un navigateur personnel de retour d'informations ainsi qu'une base de donnees a profil personnel, aux fins d'obtention de fichiers informatises a partir de l'Internet. Ce navigateur choisit des fichiers informatises d'apres des informations specifiees par l'utilisateur et conservees dans ladite base de donnees, laquelle comprend des objets a profil representant les interets, l'attitude/apptitude, la comprehension de textes et les gouts d'un utilisateur. Ces objets sont constitues d'ensembles de mots/phrases cles possedant des valeurs ponderees assignees, et ils peuvent etre places a une distance determinee d'un objet autonome. La distance entre l'objet a profil et l'objet autonome represente l'effet obtenu par l'objet a profil, par filtrage et/ou selection des fichiers informatises destines a cet utilisateur. Le navigateur de l'invention comprend un programme logiciel destine a evaluer des fichiers informatises, d'apres une base de donnees a profil personnel, laquelle est egalement reglee en fonction du choix de l'utilisateur et de l'absorption des fichiers informatises effectuee par celui-ci. On decrit un programme logiciel de conversion de son en texte, destine a convertir un fichier sonore en un fichier textuel.

Main International Patent Class: G06F-003/00

Fulltext Availability:
Detailed Description

Detailed Description

... embodiment, Profile Object contains at least one key word or key phrase with a corresponding signed weight. For example, of sports-" has a positive 3 **weight** value in the Profile Object illustrated in Fig. 6a. Typically there are many key words and key **phrases** with corresponding signed **weights** contained in a particular Profile Object.

The bundle of key **words** and key **phrases** may include **positive weighted** key **words** / key **phrases** , typically for synonyms. **Negative** 5 **weighted** key **words** /key **phrases** , typically for antonyms, identify a particular identity, trait, interest or descriptive term that the Profile Object represents. These key words and key phrases have corresponding numerical values which are used to **rate** retrieved media files in **terms** of the user's interest.

In an embodiment **positive weighted** key words /key phrases are not limited to synonyms and **negative weighted** key words /key phrases are not limited to antonyms.

In an embodiment, key words in Profile Objects that are present in media file being analyzed are treated as equivalents...create his or her own Profile Objects.

Descriptive Compatibility viewer/button 401 allows a user to access and change Distance values in Profile Objects containing **positive weighted** descriptive key words /key phrases associated with a particular user's vernacular and **negative weighted** descriptive key words. Browsing Profile button 402 allows a user to select from several different Personal Profile data sets that represent the user. This is valuable...active Profile Object positive key words and key phrases. Control is then transferred to logic block 1417 where each positive key word or key phrase **Influence** value is multiplied by the number of instances the key word or key phrase are found in the media -file. Logic block 1417 contains a **positive** or zero value since **positive** key word and key phrase values are all non- **negative** .

Logic block 1420 extracts the users active Profile Object **negative weighted** key words and key phrases along with their respective **Influence** value from the user's Profile Objects. Logic block 1421 'Searches the media file for the user's active Profile Object negative key words and key phrases. Control is then transferred to logic block 1422 where the each negative key word or key phrase **Influence** value is multiplied by the number of instances the key word or key phrase are found in the media file. Logic block 1422 contains a **negative** or zero value since **negative** key word and key phrase values are all non- **positive** . Control is then transferred to logic block 1418.

In an embodiment the number of **negative** and **positive** key media file. Logic block 1418 sums the products (incidence of key words multiplied by **Influence** value) from logic blocks 1417 and 1422 to obtain an index value, As can be seen from Fig. 13, index values are output from logic...logic block 1803. If no, control is transferred to logic block 1805.

Logic block 1803 adjusts the Distance value for the associated Profile Objects of **positive weighted** key word /key phrases found in the media file segment by a non- **negative** value. The **positive weighted** key word /key phrase **weight** values for a Profile Object are summed and multiplied by a scaling function related to the current measured media progression value. For example, if two...Logic block 2509 sets the Delta value equal to zero, thereby causing no change in Profile Object activation values.

Logic block 2510 creates a non- **negative** Delta value that is the sum of found **positive** key word /key phrase **weights** in a Profile Object times the number of instances the positive **weighted** key words occur in the media file segment. This sum is then multiplied by a positive adjustment value scaled by the corresponding measured user media...

11/5,K/33 (Item 17 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00207480
ADAPTIVE RANKING SYSTEM FOR INFORMATION RETRIEVAL

SYSTEME DE CLASSEMENT ADAPTATIF POUR L'EXTRACTION D'INFORMATIONS

Patent Applicant/Assignee:

GTE LABORATORIES INCORPORATED,

Inventor(s):

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CHOW Anita,

DU Min-Wen,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9204681 A1 19920319

Application: WO 91US6070 19910826 (PCT/WO US9106070)

Priority Application: US 90828 19900829

Designated States: AT BE CA CH DE DK ES FR GB GR IT JP LU NL SE

Main International Patent Class: **G06F-015/40**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5367

English Abstract

An adaptive record ranking method for full text information retrieval, which quantifies the relevance of retrieved records to query terms occurring in said record. The method utilizes a multilevel weighting technique which permits user input to affect record weighting at each level of the ranking process. The method utilizes weighted attributes of properties of terms occurring in the records of the data base and compensates for the distance between adjacent words of complex terms. The method has been implemented on large full text data bases and the resulting rankings achieve a relatively high level of precision in ranking the relevance of retrieved records to a user query.

French Abstract

Methode de classement d'enregistrements adaptative pour l'extraction d'informations textuelles, qui quantifie la pertinence des enregistrements retires par rapport aux termes d'interrogation se trouvant dans ledit enregistrement. La methode utilise une technique de ponderation multiniveau qui permet aux donnees introduites par l'utilisateur d'avoir une influence sur la ponderation d'enregistrement a chaque niveau du processus de classement. La methode utilise des attributs ponderes de proprietes de termes se trouvant dans les enregistrements de la base de donnees et compense la distance entre des mots adjacents de termes complexes. La methode a ete mise en oeuvre avec de grandes bases de donnees textuelles et les classements resultants atteignent un niveau relativement eleve de precision du classement de la pertinence des enregistrements extraits par rapport a une interrogation effectuee par un utilisateur.

Main International Patent Class: **G06F-015/40**

Fulltext Availability:

Claims

Claim

... a level i;

choosing, for each attribute a, a coefficient to multiply its value relative to other attributes; assigning, for each attribute a of each term t in record r, a value indicating whether the impact of said attribute is **positive**, neutral or **negative**; and multiplying said first calculated relevance weight of each term t in record r by said relevance impact factor of each of said attributes of t, resulting in said second calculated relevance weight.

5...

11/5,K/34 (Item 18 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00200993 **Image available**

**CAPACITIVE STRUCTURES FOR WEIGHTED SUMMATION, AS USED IN NEURAL NETS
STRUCTURES CAPACITIVES D'ADDITION PONDEREE UTILISEES DANS DES RESEAUX
NEURONAUX**

Patent Applicant/Assignee:

GENERAL ELECTRIC COMPANY,

Inventor(s):

ENGELER William Ernest,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9118360 A1 19911128

Application: WO 91US2855 19910425 (PCT/WO US9102855)

Priority Application: US 90931 19900521; US 90470 19900521

Designated States: DE FR GB IT JP KR NL

Main International Patent Class: **G06F-015/80**

International Patent Class: G06G-07:60

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 20905

English Abstract

The capacitances of a pair of capacitors associated with a neural net are arranged to be complementary in value, even where their differential capacitance is subjected to variation, so the sum of the capacitances remains equal to a constant, C_k . Each of a set of component capacitors with capacitances related in accordance with powers of two is selected to be a component of one or the other of the pair of capacitors, the selecting being done by field effect transistors (FETs) operated as transmission gates. The gate signals for the FETs are respective ones of the bits in a binary number stored in a word storage element of a semiconductor memory.

French Abstract

Les capacités d'une paire de condensateurs associés à un réseau neuronal sont agencées pour être complémentaires en valeur, même lorsque leur capacité différentielle est soumise à des variations, de manière que la somme des capacités reste égale à une constante C_k . Chaque condensateur d'un ensemble de condensateurs constitutif présentant des capacités corrélées en fonction de puissances de deux est sélectionné pour être un constituant de l'une ou de l'autre paire de condensateurs, la sélection étant effectuée par des transistors à effet de champ (FET) faisant office de portes de transmission. Les signaux de porte destinés au FET sont des éléments respectifs des bits se trouvant dans un nombre binaire stocké dans un élément de stockage de mots d'une mémoire à semi-conducteurs.

Main International Patent Class: **G06F-015/80**

Fulltext Availability:

Detailed Description

Detailed Description

... COMMON LINE; and have respective second plates connected by respective ones of single-pole-double-throw electronic switches SW1, SW2, SW3 and SW4 each to **POSITIVE LINE** or to **NEGATIVE LINE**.

Single-pole-double-throw electronic switches SW1, SW2, SW3 and SW4 each provide for connection to **POSITIVE LINE** or to **NEGATIVE LINE**, as determined by a respective bit of a **weighting word**, which **2 5 word** is stored in a respective word storage element WSEij. The least significant bit of the weighting word is stored in a bit store BS1 and...

...possible by the method of constructing a pair of capacitors in accordance with the invention. The most significant bit of the four
SUBSTITUTE SHEET

bit **weighting word** governs connection of capacitive element C4 to **POSITIVE LINE** or to **NEGATIVE LINE** by electronic switch SW4 in the reverse sense that the less significant bits of the **weighting word** govern connections of capacitive elements C1, C2 and C3 to

16/5,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01431096

Information distribution system and method
Informationsverteilungssystem und -methode
Systeme et procede de distribution d'informations

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PATENT (CC, No, Kind, Date): EP 1209588 A2 020529 (Basic)

APPLICATION (CC, No, Date): EP 2001127877 011122;

PRIORITY (CC, No, Date): JP 2000359044 001127

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/30

ABSTRACT EP 1209588 A2

In an information distribution system (100) that rates distribution information pieces from a distribution information provider (101) based on a personal profile to distribute to a client (103) where the personal profile has registered therewith various keywords contained in the distribution information pieces provided from the distribution information provider (101) and evaluation values corresponding to the keywords and the evaluation values are learned in advance based on preferences of the client (103), distribution information pieces from another distribution information provider (104) different from the distribution information provider (101) are rated based on the personal profile to distribute to the client (103).

ABSTRACT WORD COUNT: 102

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 020529 A2 Published application without search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200222	1581
SPEC A	(English)	200222	7698
Total word count - document A			9279
Total word count - document B			0
Total word count - documents A + B			9279

INTERNATIONAL PATENT CLASS: G06F-017/30

...SPECIFICATION unit 102 from sub-CP 104, as illustrated in FIG.8, input to information data input terminal 800 is the advertising information targeted for the **rating**, input to number-of- **keyword** signal input terminal 801 is a number-of-keyword signal **nofks** indicative of the number of **keywords** contained in the **advertising** information, and input to **keyword** signal input terminal 802 is keyword group signal **Ks** comprised of a plurality of keywords. The keyword group signal **Ks** is comprised of **keywords** contained in the **advertising** information.

Vector generating section 803 transforms the keyword group signal **Ks** from character sequences to a vector signal **V** in the same way as in...

16/5,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01431079

Group forming system, group forming apparatus, group forming method,
program, and medium

Medium, Programm, System, Vorrichtung und Verfahren zum Bilden von Gruppen
Support, programme, systeme, appareil et methode de formation de groupes
PATENT ASSIGNEE:

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Kadoma-shi, Osaka 571-8501, (JP), (Applicant designated States: all)

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 1209599 A2 020529 (Basic)

APPLICATION (CC, No, Date): EP 2001127836 011122;

PRIORITY (CC, No, Date): JP 2000355405 001122

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60 ; G06F-017/30

ABSTRACT EP 1209599 A2

A group forming system has
a terminal apparatus which is connected to a network;
accumulating means of obtaining information including at least one of
personal information and preference information of a user of the terminal
apparatus, and of accumulating the obtained information;
classifying means of classifying a whole or a part of the information
accumulated in the accumulating means, into a single or plural groups on
the basis of a predetermined classification criterion; and
determining and notifying means of determining the group to which the
user is to belong, from the classified groups on the basis of
predetermined relationships between the user and the accumulated
information, and of notifying the user of a result of the determination.

ABSTRACT WORD COUNT: 122

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 020529 A2 Published application without search report
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200222	1429
SPEC A	(English)	200222	11956
Total word count - document A			13385
Total word count - document B			0
Total word count - documents A + B			13385

INTERNATIONAL PATENT CLASS: G06F-017/60 ...

... G06F-017/30

...SPECIFICATION to the community.

In the embodiment, the number of postings of a keyword is set as the
conditions of displaying an advertisement. Alternatively, an occurrence
rate of a specific **keyword** with respect to all **keywords** may be used,
or an **advertisement** may be displayed at the request of an enterprise
which analyses information

16/5,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01391775

Method and device for electronic mail
Verfahren und Vorrichtung für elektronische Post
Procede et dispositif de courrier electronique

PATENT ASSIGNEE:

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Ito, Kosuke, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome, Ohta-ku,
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PATENT (CC, No, Kind, Date): EP 1179931 A2 020213 (Basic)

APPLICATION (CC, No, Date): EP 2001306732 010807;

PRIORITY (CC, No, Date): JP 2000239979 000808

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **H04L-012/58**

ABSTRACT EP 1179931 A2

A system for outputting electronic mail information, which cannot be fully displayed in a portable terminal in another terminal is provided. A mail server (600) receives electronic mail information and determines whether or not the electronic mail information can be outputted in a destination (portable terminal 500) of the electronic mail information. If it is determined that the electronic mail information cannot be outputted, a P service server (300) issues code information for outputting the electronic mail information in another terminal (P service terminal (200)) and notifies the destination of that effect.

ABSTRACT WORD COUNT: 93

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 020213 A2 Published application without search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200207	2293
SPEC A	(English)	200207	16606
Total word count - document A			18899
Total word count - document B			0
Total word count - documents A + B			18899

INTERNATIONAL PATENT CLASS: **H04L-012/58**

...SPECIFICATION advertisement information table 312. Information indicating an owner of the advertisement information and terms and conditions for inserting the advertisement information are registered in the **advertisement** property. Further, a target **keyword** list and a target **keyword weighted** list to be utilized in the advertisement search processing 303d are stored in "information of a link to IP information" of the advertisement property.

A...for defining a priority of advertisement information in this

advertisement search processing.

In step S13302, using each keyword as a search key based on the **keyword** list prepared in step S13301, **advertisement** information having a **keyword** coinciding with the search key is searched. A list of the search results is prepared in step S13303. A degree of coincidence of the searched advertisement information is simultaneously calculated making use of a **weight** of the each **keyword**.

In step S13304, each piece of the advertisement information is rearranged with reference to a property and a degree of coincidence enumerated in the search...

16/5,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01346735

Apparatus and method for collecting used office supplies

Verfahren und System fur das Sammeln von benutzten Burobedarfsartikeln

Appareil et systeme pour le collection de fournitures de bureau

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 1150233 A1 011031 (Basic)

APPLICATION (CC, No, Date): EP 2001110493 010427;

PRIORITY (CC, No, Date): JP 2000131747 000428; JP 2001123002 010420

DESIGNATED STATES: DE; FR; GB; IT

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT EP 1150233 A1

Counting of data, namely calculation of collecting rate for respective users or kinds in a collecting center which collects various kinds of used office supplies is extremely complex and troublesome. For this reason, a client who requests collecting accesses a collecting system and requests collecting of the used office supplies. The collecting system stores collecting data of the kind and quantity of the used office supplies to be collected associated with users in a memory and transmits a collecting code corresponding to the collecting data to the client. The client generates a collecting slip including the collecting code received and dispatches the used office supplies with the collecting slip attached to the collecting center. The collecting center reads out the collecting code recorded on the collecting slip attached to the used office supplies dispatched and calculates the collecting rate for respective users and used office supplies based on the collecting code.

ABSTRACT WORD COUNT: 152

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 011031 A1 Published application with search report

Examination: 020529 A1 Date of request for examination: 20020313

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200144	4365

SPEC A (English) 200144 9517
Total word count - document A 13882
Total word count - document B 0
Total word count - documents A + B 13882

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION 21 shows a table of relationship between quantity of orders accepted and a discount rate;

Fig. 22 shows a table of relationship between the collecting rate and incentive during the promotion term ;

Fig. 23 is a diagram for explaining a prediction sequence of the collecting and shipping;

Fig. 24 shows a cartridge used in a printer;

Fig...and discount rate are decided such as to construct a system where the used office supply is effectively collected. For example, during the above described promotion term which improves the collecting rate , a table with a large incentive set as shown in Fig. 22 is used instead of the table shown in Fig. 20. Also the description...

16/5,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01320331

TOTAL ADVERTISEMENT MANAGING SYSTEM USING ADVERTISEMENT PORTFOLIO MODEL
WERBUNGVERWALTUNGSSYSTEM DAS EIN WERBUNGPORTFOLIOMODELL VERWENDET
SYSTEME DE GESTION DE PUBLICITE UTILISANT UN MODELE DE PORTEFEUILLE DE PUBLICITES

PATENT ASSIGNEE:

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HIBIKI, Norio, C-1207, 3-20, Nakaarai, Tokorozawa-shi, Saitama 359-0041, (JP)

LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 1244036 A1 020925 (Basic)
WO 2001048646 010705

APPLICATION (CC, No, Date): EP 2000985917 001227; WO 2000JP9280 001227

PRIORITY (CC, No, Date): JP 99377367 991227

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

CITED PATENTS (WO A): XP 1006137 ; XP 1006141

CITED REFERENCES (WO A):

'Antecedents of risk-taking behavior by advertisers: Empirical evidence and management implications' JOURNAL OF ADVERTISING RESEARCH vol. 35, no. 5, 1997, pages 27 - 40, XP001006137

WEST D.C.: '360 degrees of creative risk' JOURNAL OF ADVERTISING RESEARCH vol. 39, no. 1, January 1999 - February 1999, pages 39 - 50, XP001006141;

ABSTRACT EP 1244036 A1

Provided is an advertisement portfolio model that can reduce a risk in an advertisement transaction for an individual advertisement product. Since in an advertisement portfolio model according to the present invention, firstly a relational expression to determine a comprehensive advertisement risk management index is derived, which is an index for statistically representing a maximum unexpected loss amount which the advertisement product is subject to at a certain probability during the advertising campaign period, secondarily a plurality of correlation coefficient data of the advertisement product are calculated from the

observational data of the advertisement product, and thirdly an optimal combination of the advertisement products is figured out in order to analyze at least either one of an effect, an efficiency or a risk of the advertisement product based on the relational expression for determining the comprehensive advertisement risk management index and the plurality of correlation coefficient data or the observational data which has taken the correlation into account indirectly, thereby the present invention can provide a sponsor with an optimal combination of the advertisement products.

ABSTRACT WORD COUNT: 175

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010829 A1 International application. (Art. 158(1))

Application: 010829 A1 International application entering European phase

Application: 020925 A1 Published application with search report

Examination: 020925 A1 Date of request for examination: 20020701

LANGUAGE (Publication, Procedural, Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200239	903
SPEC A	(English)	200239	13022
Total word count - document A			13925
Total word count - document B			0
Total word count - documents A + B			13925

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION and a variance in the audience rating R_i) can be expressed by the similar expressions as those written above. Herein, for the case of the **advertisement** products, the following **expression** may be established in the relationship between the audience **rating** and the price; (definitional **expression** of the CPM)

The CPM is in inverse proportion to the audience rating. Herein, introducing a variable representing a rate of change between the periods
...

16/5,K/6 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00849462 **Image available**

SYSTEM AND METHOD OF BIDDING FOR PLACEMENT OF ADVERTISEMENTS IN SEARCH ENGINE

OFFRES DE PLACEMENT DANS DES RESULTATS DE MOTEUR DE RECHERCHE ET DANS UN ESPACE PUBLICITAIRE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200182178 A2-A3 20011101 (WO 0182178)

Application: WO 2001US12800 20010420 (PCT/WO US0112800)

Priority Application: US 2000553961 20000421

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CO CU CZ DE DK EE

ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD

MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ

VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-017/60
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 10554

English Abstract

A search engine provides greater opportunities for advertisers to increase exposure to relevant consumer bases. One aspect of the invention is to provide a barter-per-placement system in which the advertiser offers a quantity of goods and/or services in exchange for placing advertising in pop-up windows and banner advertisements. Bids for placement in either search results, banner advertisements or pop-up windows can be based on a weighted average value of click throughs. Advertisers bid on a per click basis and then are placed according to the value of bid per click times number of click throughs.

French Abstract

Selon l'invention, un moteur de recherche offre aux publicitaires plus d'opportunités d'accroître la vision d'annonces, par des clients, dans des bases de données pertinentes. L'un des aspects de l'invention consiste en un système de troc par placement dans lequel le publicitaire offre une certaine quantité de marchandises et/ou de services, en échange du placement d'une publicité dans des fenêtres d'incrustation ou dans des bannières publicitaires. Des offres de placement, soit dans des résultats de recherche, soit dans des bannières publicitaires ou des fenêtres d'incrustation peuvent être basées sur une valeur moyenne pondérée des visites ("click throughs"), les publicitaires faisant des offres sur une base par visite et étant ensuite positionnés en fonction de la valeur de l'offre par visite, par le nombre de visites.

Legal Status (Type, Date, Text)

Publication 20011101 A2 Without international search report and to be republished upon receipt of that report.
Search Rpt 20020919 Late publication of international search report
Republication 20020919 A3 With international search report.
Republication 20020919 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Main International Patent Class: G06F-017/60

Fulltext Availability:
Detailed Description

Detailed Description

... to change focus in response to real time feed back from customers or other sources.

The present invention further includes means for using a search term relevancy rating system. The relevancy of the advertiser's URLs to a particular search term for which it has been bid can be critical to the effectiveness of a search engine, in terms of directing customers to the advertiser and further in terms of generating revenue for the search engine. The more relevant a site is to the search term, the more targeted...

16/5,K/7 (Item 2 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00830305 **Image available**
METHOD AND SYSTEM FOR SELECTING ADVERTISEMENTS
PROCEDE ET SYSTEME DE SELECTION DE PUBLICITES
Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200163916 A1 20010830 (WO 0163916)
Application: WO 2001US40152 20010220 (PCT/WO US0140152)
Priority Application: US 2000185182 20000225

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04N-005/445

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6624

English Abstract

A method for displaying interactive advertisement on a television having a controller (38) connected thereto and configured for receiving input from a viewer of the television is disclosed. The controller (38) has a receiver operable to receive advertisements and a processor (78) operable to modify the advertisements. The method generally comprises requesting action by the viewer of the television, modifying an advertisement based on the action of the viewer, and displaying the modified advertisement on the television.

French Abstract

L'invention concerne un procede d'affichage de publicites interactives sur une television connectee a une unite de commande (38) concue pour recevoir des donnees d'entree a partir d'un telespectateur. Cette unite de commande (38) comprend un recepteur permettant de recevoir des publicites ainsi qu'un processeur (78) destine a modifier ces publicites. D'une maniere generale, ledit procede consiste a demander au telespectateur d'executer une action, a modifier une publicite sur la base de l'action realisee par ce telespectateur, puis a afficher cette publicite sur l'ecran de television.

Legal Status (Type, Date, Text)

Publication 20010830 A1 With international search report.

Publication 20010830 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20011213 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: H04N-005/445

Fulltext Availability:

Detailed Description

Detailed Description

... tracking.

Reinforcement learning may be used as follows. Each commercial may contain one or more keywords indicating the content of the commercial.

1 5

The **keywords** are used to determine which **advertisements** a consumer is most

likely to watch. The keywords preferably include a product name, product category, and a bit about the style of the advertisement. Each time a commercial is played, the viewer's behavior is captured and used to modify the

weight attached to each **keyword**. Thus, a commercial might be labeled "Doritos, snack food, sexy female." Each time a viewer watches the entire commercial then the values for those three keywords are increased.

Likewise, if the viewer quickly changes channels away from that particular commercial the value of those **keywords** are decreased. When an **advertisement** is ready to be displayed information stored in the set top box is used to select the commercial whose keywords have the highest...

16/5,K/8 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00826965

SYSTEM FOR CREATING AND MAINTAINING A DATABASE OF INFORMATION UTILIZING
USER OPINIONS

SYSTEME DE CREATION ET MISE A JOUR D'UNE BASE DE DONNEES D'INFORMATIONS SUR
LES OPINIONS DES UTILISATEURS

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200159625 A1 20010816 (WO 0159625)

Application: WO 2001US4408 20010210 (PCT/WO US0104408)

Priority Application: US 2000181632 20000210; US 2001782873 20010210

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 38362

English Abstract

A system for automatically creating and maintaining a database of information utilizing user opinions about subjects, particularly exceptional experiences. Described is an Internet system assisting/motivating a population of users interested in information about certain categories of subjects to automatically maintain the database content and to improve the usefulness and quality of the database information without any substantial management by the website owner-manager. The user opinions are primarily in the form of both comments and ratings about which natural-language terms best describe a particular subject, enabling user searches of the subject database to be by way of preferred such descriptive natural-language terms, which terms are further preferred to be evaluative and approving.

French Abstract

L'invention porte sur un procede et un appareil automatiques de creation et mise a jour d'une base de donnees d'informations sur les opinions d'utilisateurs sur differents sujets et en particulier sur des experiences exceptionnelles. Il s'agit d'un systeme sur Internet assistant et motivant une population d'utilisateurs interesses par certaines categories de sujets, permettant de tenir a jour le contenu de la base de donnees et d'ameliorer l'utilite et la qualite des informations de la base de donnees sans requerir de gestion substantielle de la part du proprietaire/gestionnaire du site web. Les opinions des utilisateurs se presentent principalement sous forme de commentaires et de notations au sujet desquels le langage naturel decrit le mieux un sujet particulier, ce qui permet a un utilisateur de faire ses recherches dans les sujets de la base de donnees par l'intermediaire de termes preferes dudit langage descriptif naturel, lesquels termes sont en outre preferes a des fins d'evaluation et d'approbation.

Legal Status (Type, Date, Text)

Publication 20010816 A1 With international search report.

Examination 20011129 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... a Developer who preferably need no longer have essential management functions.

As shown on FIG. 3, the Website preferably comprises components and associated programming of: **Advertising**, Content & **Word Ratings** (as opposed to Overall "star" Ratings), Management, & Rewards/Performance Management. As shown, many differences between the prior art and preferred embodiments of the present invention...

...the

Website now comprises not only rewards but also performance feedback. Also, the User Community now provides to the Website not merely Entries and Overall **Ratings**, but instead Entries and **Word** (i.e., again, what is sometimes herein referred to as natural-language **term**, preferably evaluative, preferably approving) **Ratings** /Approvals. Furthermore, as will be explained in more detail, embodiments of the present invention preferably comprise another party - Sponsors. The Sponsors receive notice of entry interacts with the User Community to establish Content and natural-language **term** (herein sometimes called "**Word**") **Ratings** of relevance to a subject.

Referring to FIG. 4, an overview functional diagram of the Activity Database of the main Database 1-2 (see Figs...

16/5,K/10 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00824102 **Image available**

TRUST-BASED CLIQUES MARKETING TOOL

OUTIL DE MARKETING POUR GROUPE AYANT UNE RELATION BASEE SUR LA CONFIANCE

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200157633 A1 20010809 (WO 0157633)

Application: WO 2001US3831 20010206 (PCT/WO US0103831)

Priority Application: US 2000180700 20000207

Designated States: JP US

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Main International Patent Class: **G06F-003/00**

International Patent Class: **G06F-015/163**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 18626

English Abstract

Tracking a plurality of communications and activities of a plurality of members (331-334) having access to a viral-hub system through a network, including maintaining the plurality of members (331-334) in at least one trust-based clique (310), each trust-based clique (31) including at least two members, sharing, through the viral-hub system, the communications (338) of each member of the trust-based clique (310) with all other members in the same trust-based clique (31), tracking a plurality of activities (337) produced by each member (331-334) while the member accesses the viral-hub system through the network, sharing, through the viral-hub system, the tracked activities (337) of each member with all other members in the same trust-based clique, and recording the communications (338) and tracked activities (337) of each member of each trust-based clique.

French Abstract

L'invention concerne le suivi d'une pluralite de communications et d'activites d'une pluralite de membres (331-334) ayant acces a un systeme de concentrateur viral par un reseau. Ce suivi consiste a maintenir la pluralite de membres (331-334) dans au moins un groupe base sur la confiance (310), chaque groupe ayant une relation basee sur la confiance (31) etant constitue d'au moins deux membres; a transmettre aux autres membres du meme groupe (310), par le systeme de concentrateur viral, les communications (338) de chaque membre (310); a suivre une pluralite d'activites (337) produites par chaque membre (331-334) au moment ou le membre a acces au systeme de concentrateur viral par le reseau; a faire partager, par le systeme de concentrateur viral, les activites suivies (337) de chaque membre aux autres membres du meme groupe et a enregistrer les communications (338) et les activites suivies (337) de chaque membres de chaque groupe.

Legal Status (Type, Date, Text)

Publication 20010809 A1 With international search report.

Main International Patent Class: **G06F-003/00**

International Patent Class: **G06F-015/163**

Fulltext Availability:
Detailed Description

Detailed Description

... Accordingly, creators, marketers, distributors and providers 400 submit new products and/or service for access through viral-hub system 60 to member 353, the root **influencer**, for **word -of-mouth promotion** to the other members of the trust based cliques. Of course, other approaches can be utilized, such as introducing new products and/or services to...

16/5,K/13 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00777919 **Image available**

INTERNET HOSTING SYSTEM

SYSTEME D'HEBERGEMENT D'INTERNET

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200111443 A2-A3 20010215 (WO 0111443)

Application: WO 2000US21525 20000804 (PCT/WO US0021525)

Priority Application: US 99369770 19990806; US 99369647 19990806

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/16

International Patent Class: G06F-017/60 ; G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 17782

English Abstract

A method and apparatus for providing network hosting services. According to one aspect of the invention, a multi-threaded name server (275) handles multiple concurrent name requests, and is particularly well suited for a host system controlling information relating to a large number of domain names. In a preferred embodiment, a multi-threaded name server comprises a request dispatcher thread (282) capable of spawning multiple child threads. The result is a multi-threaded, non-blocking name server capable of handling multiple concurrent name requests for a large number of domain names. One or more additional network services may be provided. For example, in a particular embodiment, electronic message forwarding services are provided wherein an advertisement is associated with an electronic message based on the message contents. In another embodiment, web services are provided wherein HTML pages are dynamically generated. In still another embodiment, both electronic message forwarding services and web services are provided by the same system

using the centralized database (291).

French Abstract

L'invention concerne un procede et un appareil destines a assurer des services d'hebergement de reseau. Selon un aspect de l'invention, un serveur de nom multifiliere traite plusieurs demandes de noms simultanees et convient particulierement a un systeme d'hebergement controlant les informations se rapportant a un grand nombre de noms de domaines. Dans un mode de realisation prefere, decrit dans le descriptif, un serveur de nom multifiliere comprend une filiere de distribution capable de generer une progeniture de filieres, dont le resultat est un serveur de nom multifiliere non bloquant, capable de traiter plusieurs demandes de noms simultanees pour un grand nombre de noms de domaines. Dans un mode de realisation, au moins un service de reseau supplementaire utilise une base de donnees centralisee. Par exemple, dans un mode de realisation particulier, des services d'envoi de messages electroniques comportent une publicite associee a un message electronique sur la base du contenu dudit message. Selon un autre mode de realisation, dans des services web, des pages en langage hypertexte (HTML) sont dynamiquement creees. Selon un autre mode de realisation encore, le service d'envoi de messages electroniques et le service web sont fournis par le meme systeme utilisant la base de donnees centralisee.

Legal Status (Type, Date, Text)

Publication	20010215	A2 Without international search report and to be republished upon receipt of that report.
Search Rpt	20010503	Late publication of international search report
Republication	20010503	A3 With international search report.
Search Rpt	20010503	Late publication of international search report
Examination	20010719	Request for preliminary examination prior to end of 19th month from priority date
Claim Mod	20011004	Later publication of amended claims under Article 19 received: 20010220
Republication	20011004	A3 With international search report.
Republication	20011004	A3 With amended claims.

Main International Patent Class: G06F-015/16

International Patent Class: G06F-017/60 ...

... G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... associated with them, making the likelihood of hits greater in response to a query of the message body 712.

Also, some advertisers might give greater **weight** a particular demographic field, key **word / phrase**, or data set than other **advertisers**, such as by paying a premium for matching demographic insertions. If the advertiser pays more for the advertisement placement, then that advertiser's advertisements can...

...be given priority over other advertisers who are not willing to pay as much for each selected advertisement. In another embodiment, where a tie results, **advertisements** associated with key **words** in a particular location in the message body 712 (for example, closest to the start of the message body 712, or in a subject header) are ranked higher than **advertisements** associated with key occurring **words**).

Alternatively, as illustrated in FIG. 7, where more than one key word hit results (e.g., content text 724 and 728), then more than one...is a one-to-many relationship between records in the ads table 1060 and in the ad keyword table 1066.

Although not explicitly shown in **ad keyword** table 1066, additional fields such as a ranking or weight field can be included to give a particular key word or phrase more weight than others. Furthermore, the same field can also indicate whether a particular advertiser or advertisement "owns" the key word, meaning that the advertiser has exclusive rights with respect to that key word. Thus, whenever the key word appears in an e-mail message to be forwarded, the advertisement(s) associated with that word should appear (subject to the ad selection processes described herein should multiple key word hits occur). Alternatively, a weight field and a zip code field within the **ad keyword** table 1066 can be used. In such an embodiment, the zip code field specifies one or more zip codes (i.e., territories) in which a particular advertiser has exclusive rights to (i.e., "owns") the particular key word.

it is preferred that advertisement presentation information, as described above with reference to FIGS. 7 and 8, is maintained by the centralized database 344. The centralized database 344 preferably records...

16/5,K/15 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00761430 **Image available**

SYSTEM, METHOD AND COMPUTER PROGRAM FOR REPRESENTING PRIORITY INFORMATION
CONCERNING COMPONENTS OF A SYSTEM

SYSTEME, METHODE ET ARTICLE FABRIQUE PERMETTANT DE CLASSER PAR ORDRE DE
PRIORITE DES COMPOSANTS D'UNE STRUCTURE DE RESEAU NECESSAIRES A LA MISE
EN OEUVRE D'UNE TECHNIQUE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200073956 A2-A3 20001207 (WO 0073956)

Application: WO 2000US14406 20000524 (PCT/WO US0014406)

Priority Application: US 99321274 19990527

Designated States: AE AG AL AM AT (utility model) AU AZ BA BB BG BR BY CA
CH CN CR CU CZ (utility model) DE (utility model) DK (utility model) DM
DZ EE (utility model) ES FI (utility model) GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK (utility model) SL TJ TM TR TT
TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 149024

English Abstract

A system, method, and article of manufacture are provided for

prioritizing components of an existing network framework. First, a priority is determined among a plurality of components required for implementation of a predetermined technology using an existing network framework. The existing network framework and the plurality of components are then pictorially represented. Next, a first component of the existing network framework is indicia coded in order to indicate that the first component must be implemented first. Thereafter, a second component and any remaining components of the existing network framework are indicia encoded in order to indicate that the second components and any remaining components must be implemented after the first component.

French Abstract

Cette invention a trait a un systeme, a une methode et a l'article fabrique permettant de classer par ordre de priorite des composants d'une structure de reseau existante. Un certain degre de priorite est, tout d'abord, etabli entre plusieurs composants necessaires a la mise en oeuvre d'une technique predeterminee au moyen d'une structure de reseau existante. Cette derniere ainsi que les composants sont representes graphiquement. Ensuite, un premier composant de la structure de reseau est code sous forme de signe afin d'indiquer qu'il doit etre mis en oeuvre en premier. Un deuxieme composant ainsi que tous les composants restants de la structure de reseau existante sont ensuite codes sous forme de signes afin d'indiquer qu'ils doivent etre mis en oeuvre a la suite du premier.

Legal Status (Type, Date, Text)

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Examination	20010322	Request for preliminary examination prior to end of 19th month from priority date
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Republication	20020221	A2 Without international search report and to be republished upon receipt of that report.
Correction	20020221	Corrected version of Pamphlet:
Search Rpt	20020912	Late publication of international search report
Republication	20020912	A3 With international search report.

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... graphical depiction of the events and associated responses for the system. A variety of tools and techniques can be used for event modeling, for example, **word** processors to develop simple textual lists of events and data flow

127

diagramming to show events and responses.

For component-based development, event modeling or...The functionality is captured in use cases, scenarios, workflows and/or operations diagrams along with interaction diagrams/sequence diagrams. These are usually produced using MS **Word**, MS PowerPoint, ABC Flowcharter

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(Micrografix), or an object modeling tool.

Implementation Considerations

a) Is there a need for logic representation?

Use Application Logic Design tools...

16/5,K/16 (Item 11 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00760535

Image available

SYSTEM AND METHOD FOR INFLUENCING A POSITION ON A SEARCH RESULT LIST

GENERATED BY A COMPUTER NETWORK SEARCH ENGINE
SYSTEME ET PROCEDE PERMETTANT DE MODIFIER UNE POSITION SUR UNE LISTE DE
RESULTATS DE RECHERCHE GENeree PAR UN MOTEUR DE RECHERCHE DE RESEAU
INFORMATIQUE

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Patent and Priority Information (Country, Number, Date):

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DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LSLT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description
Claims

Fulltext Word Count: 19447

English Abstract

A system and method for enabling information providers to influence position for a search listing within a search result list generated by an Internet search engine. The network information provider may add, delete, or modify a search listing after logging via an authentication process (110). The information provider influences a position for a search listing in the provider's account by first selecting a search term relevant to the content of the web site. The network information provider enters the search term and the description into a search listing. The information provider influences the position for a search listing through a continuous online competitive bidding process (170). The bidding process occurs when the information provider enters a new bid amount for a search listing. This system and method then compares this bid amount with all other bid amounts for the same search term, and generates a rank value for all search listings having that search term. The rank value generated by the bidding process determines where the information providers listing will appear on the search results list page that is generated in response to a query of the search term by a searcher located at a client computer on the network (170).

French Abstract

L'invention concerne un systeme et un procede destine a permettre a des fournisseurs d'informations de modifier la position d'une inscription de recherche dans une liste de resultat de recherche generee par un moteur de recherche Internet. Le fournisseur d'informations reseau peut ajouter, eliminer ou modifier une inscription de recherche apres acces par l'intermediaire d'un processus d'authentification (110). Le fournisseur d'informations modifie une position d'une inscription dans le compte d'un

fournisseur en choisissant tout d'abord un terme de recherche appropriée au contenu du site Web. Le fournisseur d'informations réseau inscrit le terme de recherche et la description dans une inscription de recherche. Le fournisseur d'informations modifie la position d'une inscription de recherche par un processus de soumissions compétitif en ligne (170). Le processus de soumissions se produit lorsque le fournisseur d'informations inscrit un nouveau montant de soumission d'une inscription de recherche. Ce système et ce procédé comparent ensuite ce montant de soumission avec tous les autres montants de soumission concernant le même terme de recherche, et génèrent une valeur de rang pour toutes les inscriptions de recherche comportant ce terme de recherche. La valeur de rang générée par le processus de création d'index détermine où l'inscription des fournisseurs d'informations apparaîtra sur la page des listes de résultats de recherche, générée en réponse à une demande du terme de recherche par un programme récupérateur situé dans un ordinateur client du réseau (170).

Legal Status (Type, Date, Text)

Publication 20001207 A1 With international search report.

Examination 20010503 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... influenced by one or more parameters defined by the promoter.

In a preferred embodiment of the present invention, a web site promoter selects a search **term** and **influences** a position within the search result list generated by that search term by participating in an online competitive bidding process. This online competitive bidding process...

...predict the position of their web site in search results or guarantee their appearance in search results containing their web site description. A tool enabling **advertisers** to target web search **terms** relevant to their business and to pinpoint the placement of their web site description within the search results provides a powerful advantage to businesses and...

16/5,K/17 (Item 12 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00760505 **Image available**

ADVERTISING METHOD THROUGH DISPLAY SCREEN OR SOUND ON USER COMPUTER OVER NETWORK AND COMPUTER READABLE MEDIUM THEREFOR
PROCEDE DE PUBLICITE RESEAU, PAR ECRAN D'AFFICHAGE OU DE MANIERE SONORE, SUR L'ORDINATEUR D'UN UTILISATEUR, ET SUPPORT LISIBLE PAR UN ORDINATEUR ET DESTINE A CE PROCEDE

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Priority Application: KR 9919451 19990528

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 4886

English Abstract

A method of advertising through a display screen or sounds on user computers over a network, and a computer readable medium therefor. The advertising method includes: (a) creating a program capable of automatically changing at least one screen file for the boot and shutdown screens, a background screen and a screen saver or a sound file running at the time an operating system of a user computer is booted or shutdown, the screen and sound files preexisting in user computers, with at least one screen or sound files with advertisements (ads) transmitted from the server computer, and storing the created program in a memory of the server system; (b) downloading the program through the network to user computers; (c) creating at least one ad file with images and/or sounds in response to a request by advertisers; (d) creating screen files with the ad file for the boot screen, shutdown screen, background screen or screen saver, or sound files with the ad file, the sound files running at the time the operating system of the user computer is booted or shutdown; and (e) receiving information about screen or sound files with ads a user desires to be served with, from user computers, and pushing the at least one screen or sound files with ad files created in the step (d), to user computers based on the received information. As for users, an advertisement receiving fee can be paid in lieu of receiving ads, and considerable **advertising** effect is expected in **terms** of the present propagation **rate** of PCs.

French Abstract

L'invention concerne un procede de publicite sur un reseau, par le biais d'un ecran d'affichage ou de maniere sonore, sur des ordinateurs d'utilisateurs, ainsi qu'un support lisible par un ordinateur et destine a ce procede. Ce procede de publicite comprend les etapes suivantes consistant: (a) a creer un programme capable de changer automatiquement au moins un fichier d'ecran destine aux ecrans de debut et d'arret, un ecran d'arriere-plan et un economiseur d'ecran, ou un fichier audio fonctionnant en meme temps que le systeme de commande d'un ordinateur utilisateur est demarre ou ferme, les fichiers ecran et audio existant prealablement dans des ordinateurs d'utilisateurs, au moins un fichier d'ecran ou audio comportant de la publicite etant emis a partir du serveur, et a conserver le programme cree dans une memoire du systeme serveur, (b) a telecharger vers les ordinateurs d'utilisateurs le programme par l'intermediaire du reseau, (c) a creer au moins un fichier publicitaire comprenant des images et/ou des sons en reponse a une demande faite par des publicitaires, (d) a creer des fichiers d'ecran qui comprennent le fichier publicitaire et sont destines a l'ecran de debut, a l'ecran d'arret, a l'ecran d'arriere-plan ou a l'economiseur d'ecran, ou des fichiers audio qui comprennent le fichier publicitaire et fonctionnent en meme temps qu'est demarre ou arrete le systeme de commande de l'ordinateur utilisateur, et (e) a recevoir, a partir des ordinateurs d'utilisateurs, des informations relatives aux fichiers d'ecran ou audio et comprenant des publicites requises par un utilisateur, puis en fonction des informations recues, a introduire dans des ordinateurs d'utilisateurs au moins ce fichier d'ecran ou audio

comportant les fichiers publicitaires crees dans l'etape (d). En ce qui concerne les utilisateurs, il est possible qu'ils payent, pour les publicites recues, un tarif de reception de publicites, un impact publicitaire considerable etant attendu par suite de la rapide croissance actuelle du parc des ordinateurs personnels.

Legal Status (Type, Date, Text)

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Main International Patent Class: G06F-015/00

Fulltext Availability:

Detailed Description

English Abstract

...to user computers based on the received information. As for users, an advertisement receiving fee can be paid in lieu of receiving ads, and considerable **advertising** effect is expected in **terms** of the present propagation **rate** of PCs.

Detailed Description

... to user computers, the ads can be continuously served to users through the monitor or speaker of users without requiring connection to a network.

Considerable **advertising** effect is expected in **terms** of the present propagation **rate** of PCs.

Second, as for users, an advertisement receiving fee can be paid in lieu of receiving ads.

Third, the server computer can transmit to...

16/5,K/18 (Item 13 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00748757 **Image available**

INTERNET ADVERTISING WITH CONTROLLED AND TIMED DISPLAY OF AD CONTENT

PUBLICITE SUR INTERNET AVEC AFFICHAGE CONTROLE ET A DUREE LIMITEE DU
CONTENU DE LA PUBLICITE

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Patent and Priority Information (Country, Number, Date):

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Priority Application: US 99291785 19990414; US 99335384 19990617; US
2000488666 20000120

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DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-013/00

Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 25148

English Abstract

A non-scrolling ad display (16) is lodged in a website (A) to cause browsers (B) hitting the website to undertake centrally controlled and recorded ad display for guaranteed minimum timed intervals. The system enables precise controlled advertising to each web page viewing browser (B) and accurate advertising budgeting and programming which can be monitored and upgraded to meet marketing needs. The components participating in the system include a website at a webserver (M) for transmitting a page with code for installing a non-scrolling ad frame (16). Ad content for the non-scrolling ad frame (16) each have individual timers for timing out commencing with display at the browser and an Internet address for fetching by the browser (B). A central controller with a firewall (M) protected data base (D) directs non-scrolling frame set up in the browser (B); generates, dispenses and interrogates for unique browser identifiers; maintains records associated with the unique browser identifiers indicating ads displayed and ads available for display; and, finally dispatches to inquiring browsers ad content addresses. The data base (D) provides an audit trail from which websites can be compensated for ad display and advertisers billed for the ad display.

French Abstract

L'invention concerne un affichage de publicite sans defilement (16) sur un site Web (A) permettant a des explorateurs (B) positionnes sur le site Web d'assurer l'affichage de publicite controlee et enregistree centralement pendant des intervalles de temps minimum garantis. Le systeme permet l'affichage de publicite controlee avec precision via chaque explorateur de page Web (B) ainsi que la budgetisation et la programmation precises de publicite, avec possibilite de surveillance et d'actualisation en fonction des besoins de marketing. Le systeme est constitue d'un site Web sur un serveur Web (M), pour assurer la transmission d'une page avec code permettant d'installer une image de publicite sans defilement (16). Chaque contenu publicitaire pour ce type d'image (16) comporte des temporisateurs individuels aux fins de chronometrage des le debut de l'affichage au niveau de l'explorateur, et une adresse Internet susceptible d'etre recuperee par l'explorateur (B). Une unite de commande centrale fonctionnant avec une base de donnees (D) protegee par garde-barriere (M) oriente la structure d'image sans defilement dans l'explorateur (B); etablit, distribue et interroge les identificateurs d'explorateur uniques; maintient des enregistrements associes aux identificateurs en question indiquant les publicites affichees et les publicites disponibles a l'affichage; et, enfin, fournit les adresses de contenu publicitaire aux explorateurs qui lancent les interrogations. La base de donnees (D) fournit une liste de controle a partir de laquelle peut s'effectuer la compensation des sites Web pour l'affichage de publicite et la facturation des annonceurs pour les publicites presentees.

Legal Status (Type, Date, Text)

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Main International Patent Class: G06F-013/00

Fulltext Availability:
Detailed Description

Detailed Description

... C ads. Thus, this much of the ordering is relatively simple.

Third, and once the categories are sorted by assigned priority, they now

must be **weighted** for order in **terms** of accumulated **ad A**. For purposes of the present explanation, it will be assumed that all ads coming from ad run 334 have an accumulated A. When the...

16/5,K/19 (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00745520 **Image available**

METHOD AND SYSTEM FOR PUBLICIZING COMMERCIAL TRANSACTIONS ON A COMPUTER NETWORK
PUBLICATION DE TRANSACTIONS COMMERCIALES SUR UN RESEAU D'ORDINATEURS ET SYSTEME A CET EFFET

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

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ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA
UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

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Detailed Description

Claims

Fulltext Word Count: 10197

English Abstract

French Abstract

La presente invention concerne un procede et un systeme de publication de transactions commerciale. Pour publier une transaction commerciale, le systeme (ou systeme de commerce electronique) recoit une selection d'une transaction d'achat se rapportant a un premier article. Le systeme de commerce electronique identifie une enchere se rapportant a un second article de facon que le second article soit en relation avec le premier. C'est ainsi que le premier article peut etre un kayak, le second article etant un abri de kayak. Le systeme de commerce electronique genere alors, d'une part une description d'affichage, par exemple une page web, qui comporte des informations permettant de mener la transaction d'achat pour le premier article, et d'autre part des informations se rapportant aux encheres pour la seconde vente. De cette facon, un utilisateur qui voit de l'information se rapportant a la transaction d'achat peut egalement voir les informations se rapportant aux encheres.

Legal Status (Type, Date, Text)

Publication 20001005 A2 Without international search report and to be

republished upon receipt of that report.
Examination 20001214 Request for preliminary examination prior to end of
19th month from priority date
Declaration 20011108 Late publication under Article 17.2a
Republication 20011108 A2 With declaration under Article 17(2)(a); without
abstract; title not checked by the International
Searching Authority.

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... I WHITEWATER KAYAK COVER J02

Joi

ENTER DESCRIPTION OF ITEM: KNITTED KAYAK OR CANOE
COVER

START BIDDING: 4/20Z99 END BIDDING: 4Z22.Z99 @@@J04

ENTER KEYWORDS FOR ADVERTISING AUCTION:

KAYAK, CANOE, KAYAK COVER,
WHITEWATER KAYAK,

ENTER CATEGORIES FOR ADVERTISING AUCTION:

@@J06

ENTER ITEM ID'S FOR ADVERTISING AUCTION:

Fig* 3

SUBS71TUTE SHEET (RULE...

...0

IDENTIFY AUCTIONS 1002

BY KEYWORD

(KEYWORDS OF RECORDS,
KEYWORD AUCTIONS)

RETRIEVE CATEGORIES 1

OF ITEM

1004

IDENTIFY AUCTIONS

BY CATEGORY

(RETRIEVED CATEGORIES,
CATEGORY AUCTIONS)

SCORE RELEVANCE 1005

OF CATEGORY &

KEYWORD AUCTIONS

1006

YES URN RELEVAN

RELEV T AUCTIONS IN

1010 AUCTION ? AUCTION

SAVE SIMILARITY 0

AUCTIONS r1007

rl SELECT ANOTHER rlof I

DENTIFY AUCTIONS SIMILAR...

16/5,K/20 (Item 15 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00530661 **Image available**

ADVERTISING SYSTEM

SYSTEME DE PUBLICITE

Patent Applicant/Assignee:

NERO HOLDINGS LTD,

RUTTENBERG Arie,

DANIEL Oded,

Inventor(s):

RUTTENBERG Arie,

DANIEL Oded,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9962013 A1 19991202

Application: WO 99IL266 19990519 (PCT/WO IL9900266)

Priority Application: IL 124608 19980522

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD
RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF
CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-017/60

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 4827

English Abstract

An advertising method through the Internet that includes providing multitude campaign banners associated with sellers. Each banner is associated with a campaign budget related information and banner terms. There is further provided advertisers that select a desired banner and download the banner to the advertiser's site in the network. A client utilizes the campaign banner through the advertiser site and is thus linked to the seller's site. After being linked, the budget related information is updated according to the banner terms. In the case that the budget drops below a given threshold the campaign banner in the advertiser site is rendered inoperative.

French Abstract

La presente invention concerne un procede publicitaire sur l'Internet comprenant une multitude de bandeaux de campagnes associes a des vendeurs. A chaque bandeau est associee une information liee a un budget de campagne et a des termes contractuels. De plus, des annonceurs peuvent choisir un bandeau recherche et le telecharger sur leur site dans le reseau. Un client utilise le bandeau de campagne sur le site de l'annonceur et il est ainsi relie au site du vendeur. Apres mise en place de la liaison, l'information liee au budget est mise a jour selon les termes contractuels du bandeau. Au cas ou le budget tombe en dessous d'un certain seuil le bandeau de campagne est rendu inoperant sur le site de l'annonceur.

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... to this example, if the rate of exploitation of the budget is insufficient, the seller can contact the bidder for e.g. increasing the proposed **rates** and/or alleviating the **terms**, thereby rendering the proposed campaign **banner** more appealing for advertisers and/or clients.

In fact, the proposed scheme provide a new information exchange market where sellers and advertisers establish advertising relations... shown in Fig. 2, process (30) may also handle input aimed at modifying the campaign banner information (31') , e.g. seller wishes to increase the **rate** per true click (campaign **banner terms**) after having realized that the current **terms** are not sufficiently appealing for **advertisers** to carry out its campaign. If desired, campaign banners may be simply deleted (31'') in response to appropriate instruction from sellers, Having accepted proposed banners...

Claim

... further

comprising: the seller and the advertiser negotiating in order to agree upon said terms.

4 The method according to claim 1, wherein said budget **terms**

include true click **rate** .

, The method according to Claim 1, wherein said **terms** further include purchase **rate** and wherein said method further comprises the steps (e'); the client committing a purchase and in response thereto (e"), updating the budget, according to said **banner terms** .

21/5,K/4 (Item 4 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00069600

Method and means using digital data processing means for locating representations in a stored textual data base.

Verfahren und Mittel mit digitalem Datenverarbeitungsmittel zur Lokalisierung von Darstellungen in einer gespeicherten Textdatenbasis.

Methode et moyens utilisant un processeur digital de donnees pour localiser des representations dans une base de donnees de textes enregistrees.

PATENT ASSIGNEE:

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Galie, Louis Michael, 4 Black Cherry Lane, Sandy Hook Connecticut 06482,
(US)

LEGAL REPRESENTATIVE:

Eisenfuhr & Speiser, Martinistrasse 24, D-2800 Bremen 1, (DE)

PATENT (CC, No, Kind, Date): EP 75903 A2 830406 (Basic)

EP 75903 A3 850417

APPLICATION (CC, No, Date): EP 82108877 820925;

PRIORITY (CC, No, Date): US 307093 810930

DESIGNATED STATES: BE; DE; FR; GB; IT; LU; NL

INTERNATIONAL PATENT CLASS: G06F-015/40;

CITED PATENTS (EP A): US 4270182 A; US 4270182 A

CITED REFERENCES (EP A):

SIEMENS FORSCHUNGS- UND ENTWICKLUNGSBERICHTE, vol. 10, no. 3, June 1981,
pages 179-187, W}rzburg, DE; H.G. FISCHER: "CONDOR, an integrated
data-base information retrieval system for structured and unstructured
data"

Idem

SYSTEMS-COMPUTERS-CONTROLS, vol. 10, no. 2, March-April 1979, pages
76-85, Silver Spring, Maryland, USA; H. KAJI et al.: "A fuzzy model of
a document retrieval system and its implementation"

PROCEEDINGS OF THE SPRING JOINT COMPUTER CONFERENCE, Boston,
Massachusetts, 14th-16th May 1969, pages 447-455, AFIPS Press, New York,
USA; D.J. HILLMAN et al.: "The LEADER retrieval system";

ABSTRACT EP 75903 A2

Method and means using digital data processing means for locating representations in a stored textual data base.

The method uses digital data processing means and stored representations of a table of textual block identifiers for locating in a stored textual data base those textual blocks having the best match with a query. Textual block identifiers each provide an indication of a textual block in a stored data base which contains the corresponding word. The method comprises the following steps: A query word is received having representations of a plurality of words to be located in textual blocks in the stored data base. For each of a plurality of the query words, determine a corresponding set of equivalent words which are contained in the stored data base. Each set of equivalent words is equivalent to the corresponding query word. Each equivalent word has a corresponding group of textual block identifiers represented in the stored table. Process the representations of the textual block identifiers in those groups which correspond to the determined equivalent words to thereby form a score for at least one textual block. The score provides an indication of the total number of the sets which have at least one equivalent word in the at least one textual block. The score is utilized to provide output data pertaining to selected textual blocks in the stored textual data base.

ABSTRACT WORD COUNT: 230

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 830406 A2 Published application (Alwith Search Report

;A2without Search Report)
Search Report: 850417 A3 Separate publication of the European or
International search report
Examination: 851218 A2 Date of filing of request for examination:
851002
Examination: 870114 A2 Date of despatch of first examination report:
861128
Withdrawal: 871125 A2 Date on which the European patent application
was deemed to be withdrawn: 870408
LANGUAGE (Publication,Procedural,Application): English; English; English

...ABSTRACT representations in a stored textual data base.

The method uses digital data processing means and stored representations of a table of textual block identifiers for **locating** in a stored textual **data** base those textual blocks having the best match with a query. Textual block identifiers each provide an indication of a textual block in a stored **data** base which contains the **corresponding word**. The method comprises the following steps: A query word is received having representations of a plurality of words to be located in textual blocks in...

...stored data base. For each of a plurality of the query words, determine a corresponding set of equivalent words which are contained in the stored **data** base. Each set of equivalent **words** is equivalent to the corresponding query word. Each equivalent word has a corresponding group of textual block identifiers represented in the stored table. Process the representations of the textual block identifiers in those groups which correspond to the determined equivalent **words** to thereby form a **score** for at least one textual block. The score provides an indication of the total number of the sets which have at least one equivalent word...

21/5,K/26 (Item 22 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00751191

**GENE DISCOVERY THROUGH COMPARISONS OF NETWORKS OF STRUCTURAL AND FUNCTIONAL
RELATIONSHIPS AMONG KNOWN GENES AND PROTEINS**
**DECOUVERTE DE GENES PAR COMPARAISON DE RESEAUX DE RELATIONS STRUCTURELLES
ET FONCTIONNELLES ENTRE PROTEINES ET GENES CONNUS**

Patent Applicant/Assignee:

THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, 116th Street
and Broadway, New York, NY 10027, US, US (Residence), US (Nationality)

Inventor(s):

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Legal Representative:

TANG Henry, Baker Botts LLP, 30 Rockefeller Plaza, New York, NY
10112-0228, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200063687 A1 20001026 (WO 0063687)
Application: WO 2000US10302 20000414 (PCT/WO US0010302)
Priority Application: US 99129469 19990415; US 99327983 19990608

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G01N-031/00

International Patent Class: G06F-015/00; G06F-017/00

Publication Language: English

Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 180118

English Abstract

The present invention relates to methods for identifying novel genes comprising: (i) generating one or more specialized databases containing information on gene/protein structure, function and/or regulatory interactions; and (ii) searching the specialized databases for homology or for a particular motif and thereby identifying a putative novel gene of interest. The invention may further comprise performing simulation and hypothesis testing to identify or confirm that the putative gene is a novel gene of interest. The present invention also relates to natural language processing and extraction of relational information associated with genes and proteins that are found in genomics journal articles. To enable access to information in textual form, the natural language processing system of the present invention provides a method for extracting and structuring information found in the literature in a form appropriate for subsequent applications.

French Abstract

Cette invention a trait a des methodes permettant d'identifier de nouveaux genes, lesquelles methodes consistent (i), a creer une ou plusieurs bases de donnees specialisees contenant des informations sur une structure de gene/proteine ainsi que sur des interactions de fonction et/ou de regulation et, (ii), a rechercher dans ces bases de donnees specialisees l'existence d'une homologie ou d'un motif particulier, ce qui permet d'identifier un nouveau gene presume a etudier. Il est egalement possible de mener, dans le cadre de cette methode, un essai de simulation ou d'hypotheses permettant d'identifier ce gene presume comme nouveau gene a etudier ou de confirmer un tel statut. Cette invention porte, de surcroit, sur un traitement du langage naturel ainsi que sur l'extraction d'informations relationnelles associees a des proteines et des genes dont font etat des articles de revues relatifs au genome. Afin de donner acces a une information sous forme textuelle, le systeme de traitement du langage naturel de l'invention met en oeuvre une technique d'extraction et de structuration d'informations trouvees dans une documentation et ce, sous une forme se pretant a des utilisations ulterieures.

Legal Status (Type, Date, Text)

Publication 20001026 A1 With international search report.
Examination 20010802 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Claims

Claim

... Uk/ P21/ NGn-B/ NIC /NakIl NUM INWT-11 Nor41 No-IlR XR/ vdwdn-Il
N-glycm / CNTF / Ick I tyn / 7.AP-70 / rof / ms / **MAP** / pmuin wrom C /
PKC / pbm phmtam aLk Wnwin / NFwAT I API 1 144.3 1 Rar.1 I Bd-2 / jourkukdn
I IL-I / IL-3 / cywkim...jq p
>spIP15533IRPTI MOUSE DOWN REGULATORY PROTEIN
OF INTERLEUKIN 2 RECEPTOR Q03776) rptmlr [Mus
musculus] Length = 353
Score = 92.0 bits (237), Expect 6e-20
Query 194 VMELLEEDLTCPICCSLFDDPRVLPCC@HNFCKKCLEGILEGSVRNSMWP.PAPFKCPTCRK
373
V+E+++E++TCPIC L +P C+H+FC+ C+ E S RN+ CP CR
Sbjct 5 VLEMIKEEVTCPICLELLKEPVSADCMiSFCRACITINn-SNRNT --- DGKGNCPVr...

...finger, B-box and the beginning of coiled coil domain
in the CLL ring finger protein
Fi @ u re
Activated CD4+ T@cells

Rpt1 (represses expression of IL-2 receptor)
IL-2 receptor lo normal expression of Bcl2
IL-27 EL- 1 5 normal apoptoSis
When rpt1 is knocked out:
EL-22 IIL- 1 5
EL-2 recept IF 01 overexpression...

...Score m 209 bits (526), Expect = 1e-53
identities = 104/124 (839), Positives m 116/124 (92%), Gaps m 1/124 (01)
Frame m +2
Query : 1 KEPVASNIONLOAAEE*LERREREAHGYASLCPHHSPGTVCRRRKPPLOAPGALNSGRS
60
MEP+ASNIQVLLQAAEFLERREREAHGYASLCPH SPG + RR4-K P QAPGA +SGRS
SbJct: 56 MEPLASNIQnLOAAEFLERRERFAENGYASLCPKRSPGPIHRRKKRPPOAPGAODSGRS 235
Query: 61 VHNELEKRRFLAQLKRCLEOLROOMPLGVDCTRYTTLSLL-RARV141QKLEEQQARRLK
119
VHNELEKRRRAC?LKRCLE+L+QQMPLG...I-I,dr7, cells],It-DR7 cells],r).
phrase(t,cell,[t,-I,dr7,1/1,b7,1-1,1], It-DR7/B7-11,r).
phrase(t,complex,[t,-I,cell,antigen receptorl,'T-cell antigen red
eptorl,r).
phrase(threonine, aminoacid, [threonine, 229], Ithreonine 2291, r)
phrase(transcription,-protein,[transcriptionwdef(pdki, protein, IPDK11).
wdef(peptides, protein, peptide). wdef(pkb, protein, IPKBI).
Page 6
206 979 -178 .352 .36 372 585 -635 438 -130 67-, -164 41 -73 335 54 27
.7C -10390 -4296 -732 .1329 2508 -279...

21/5,K/27 (Item 23 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00745491 **Image available**

TECHNIQUES FOR PERFORMING A DATA QUERY IN A COMPUTER SYSTEM
TECHNIQUES D'EXECUTION D'UNE DEMANDE DE DONNEES DANS UN SYSTEME
INFORMATIQUE

Patent Applicant/Assignee:

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Legal Representative:

SUCHYTA Leonard Charles, Gte Service Corporation, 600 Hidden Ridge Road,
MC HQE03G13, Irving, TX 75038, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200058863 A1 20001005 (WO 0058863)

Application: WO 2000US8450 20000330 (PCT/WO US0008450)

Priority Application: US 99283268 19990331; US 99282730 19990331

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/10

International Patent Class: G06F-005/14; G06F-017/30; G06K-009/72;

H04N-007/14

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 49717

English Abstract

Disclosed is a system for performing online data queries. The system for

performing online data queries is a distributed computer system with a plurality of server nodes, each fully redundant and capable of processing a user query request. Each server node (808) includes a data query cache (850) and other caches (848) that may be used in performing data queries. The data query, as well as request allocation, is performed in accordance with an adaptive partitioning technique with a bias towards an initial partitioning scheme. Generic objects are created and used to represent business listing upon which the user may perform queries. Various data processing and integration techniques are included which enhance data queries. An update technique is used for synchronizing data updates as needed in updating the plurality of server nodes. A multi-media data transfer technique is used to transfer non-text or multi-media data between various components of the online query tool. Optimizations for searching, such as the common term optimization, are included for those commonly performed data queries. Also disclosed is a system for targeting advertisements that are displayed to a user of the system.

French Abstract

L'invention concerne un systeme d'execution de demandes de donnees en ligne, lequel se compose d'un systeme informatique repartit comportant plusieurs noeuds serveurs, chacun totalement redondant et capable de traiter une demande faite par un utilisateur. Chaque noeud serveur (808) comprend une antememoire (850) de demandes de donnees ainsi que d'autres antememoires (848) qui peuvent etre utilisees pour executer les demandes de donnees. Une demande de donnees, de meme qu'une allocation de demande, s'execute selon une technique de partage adaptatif tendant vers un schema de partage initial. Des objets generiques sont crees et utilises pour représenter une liste commerciale, permettant a l'utilisateur d'effectuer des demandes. Plusieurs techniques de traitement et d'integration de donnees sont decrites qui ameliorent les demandes de donnees. On utilise une technique de mise a jour pour synchroniser des mises a jour de donnees, lorsqu'elles sont requises pour la mise a jour de plusieurs noeuds serveurs. On utilise une technique de transfert de donnees multimedia pour transférer des donnees multimedia ou non textuelles entre divers composants de l'outil de demande en ligne. L'invention concerne egalement des processus d'optimisation de recherche, tels que l'optimisation de termes communs, pour les demandes de donnees effectuees couramment. L'invention concerne enfin un systeme de ciblage des publicites qui sont affichees a l'intention d'un utilisateur de ce systeme.

Legal Status (Type, Date, Text)

Publication 20001005 A1 With international search report.

Examination 20010517 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Claims

Claim

... in a data query;

obtaining terms in categories that are retrieved in response to the data query; 10 forming a modified query consisting of said **terms** in the **data query** and said **terms** in the categories;

weighting terms of the modified query: and ranking the super-category term lists by applying the modified query to the supercategory term lists to determine the most **relevant** super-category to the **data query**.

2 The method of Claim 1, wherein ranking the super-category term lists comprises:

for the super-category term list corresponding to each term in...

...data query;

means for obtaining terms in categories retrieved in response to the data query;

:D

means for forming a modified query consistancy of said **terms** in the **data query** and
15 said **terms** in the categories;
means for **weighting terms** of the modified query; and
means for ranking the super-catecrory term lists by applying the modified query to the super-category term lists to determine the most **relevant** super-category to the **data query** .

13 A computer program product for ranking super-categories used in performing a data query comprising:
machine executable code for establishing a super-category term...is given a greater weiLyht of slornificance than another catecrory that is
"n
5 automatically mapped.

24 A method executed in a computer system for **searchincy** a first set of **documents** comprising:
forming a modified **query** corresponding to **terms** included in a **data query** and **terms** included in categories **associated** with a second set of **documents** obtained by
10 **searching** the **data query** ; and
ranking said first set **documents** using a **weighting** factor **associated** with **terms** of the modified query, wherein the weighting factor varies in accordance with an occurrence of each term appearing in each of said first set of **documents** to determine a most relevant one of said second **documents** to said **data query** .
25 The method of Claim 24, wherein said ranking said first set of documents includes performing, for each of said documents included in said first...

...in said first set.

31 A computer program product for searching a first set of documents comprising: machine executable code for formincy a modified query **correspondincy** to **terms** included in a **data query** and **terms** included in categories **associated** with a second set of **documents** obtained by **searching** the **data query** ; and
machine executable code for rankincr said first set **documents** using a **weighting** factor **associated** with **terms** of the modified query, wherein the weighting factor varies in accordance with an occurrence of each term appearing in each of said first set of **documents** to determine a most relevant one of said second **documents** to said **data query** .

32 The computer program ...OF THE BLOB TABLE
REINITIALIZE THE GLOBAL IDENTIFIER FIELD
OF THE REPOSITORY TABLE

1258

FIG. 67

/71

INITIATE BANNER 54

AD SOFTWARE

IF

EXTRACT 56

DATA

GENERATE 58

TERM **LISTS**

OBTAIN 66

EGORIES

ESTABLISH

SUPER-CATEGORIES 68

IF 70

MAP TO 66

CATEGORIES

FIG. 69

77

FORM

SUPER-CATEGORY FROM 108,

'A' document defining the general state of the art which is not considered the principle or theory underlying the invention to be of particular **relevance**
'E' earlier **document** published on or after the international filing date X. document of particular relevance@ the claimed invention cannot be considered novel or cannot be considered to...

...3230 Telephone No. (703) 305-9707

Form PCT/ISA/210 (second sheet) (July 1998)*

INTERNATIONAL SEARCH REPORT International application No.
PCT/US00/08450

C (Continuation). **DOCUMENTS** CONSIDERED TO BE **RELEVANT**

Category* Citation of **document** , with indication, where **appropriate** ,
of the relevant passages Relevant to claim

Y US 51835X7 A (HERZ et al.) 10 November 1998, 1-54

the entire paper is relevant

Form...

21/5,K/28 (Item 24 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00739233 **Image available**

APPARATUS AND SYSTEM FOR CLASSIFYING AND CONTROL ACCESS TO INFORMATION
APPAREIL ET SYSTEME DE CLASSIFICATION ET DE CONTROLE D'ACCES A DES
INFORMATIONS

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except: US)

Patent Applicant/Inventor:

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Legal Representative:

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1339), Brisbane, Queensland 4000, AU

Patent and Priority Information (Country, Number, Date):

Patent: WO 200052598 A1 20000908 (WO 0052598)

Application: WO 2000AU158 20000306 (PCT/WO AU0000158)

Priority Application: AU 999048 19990304

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9845

English Abstract

An apparatus (10) is provided for classifying information or content servers on a communications network including the Internet. The apparatus (10) comprises means for obtaining one or more transmission characteristics of information on a path of said communications network and analysing means for predicting a classification of said information based on said one or more transmission characteristics. Typically said one or more transmission characteristics include any one or more of network protocol, date and time stamps, size of transmission activities

(text and image), content type of transmission activities, pattern seen within the content of the transmission and any other characteristic that can be employed for predicting classifications. The apparatus (10) can be adapted to classify user profiles in accordance with the predicted classification. A knowledge base of predetermined profiles can be included, and the analysing means is adapted to predict a classification based on a comparison between the profile of information to be classified and the predetermined profiles.

French Abstract

L'invention concerne un appareil (10) permettant d'effectuer la classification d'informations et de serveurs de contenus sur un reseau de communication, notamment l'Internet. L'appareil (10) comprend des moyens permettant d'obtenir une ou plusieurs caracteristiques de transmission des informations sur un canal dudit reseau de communication, et une unite d'analyse permettant de predire une classification de ces informations en fonction desdites caracteristiques de transmission. De facon generale, ces caracteristiques de transmission comprennent un ou plusieurs protocoles de reseau, des indices dateur et horodateur, la taille des elements de transmission (texte et image), le type de contenu de ces elements de transmission, le motif decode dans le contenu de la transmission, et toute autre caracteristique pouvant etre utilisee pour predire les classifications. L'appareil (10) peut etre concu pour classer des profils d'utilisateur en fonction de la classification predite. Une base de connaissance de profils preetablis peut etre utilisee, et l' unite d'analyse est concue pour predire une classification sur la base de la comparaison entre le profil des informations a classer et les profils preetablis.

Legal Status (Type, Date, Text)

Publication 20000908 A1 With international search report.

Examination 20001116 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Claims

Claim

... FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G06F 17/30

Documentation searched other than minimum documentation to the extent that such **documents** are included in the fields searched Electronic **data** base consulted during the international **search** (name of **data** base and, where practicable, **search** terms used)

WPIL, USPTO

C. **DOCUMENTS** CONSIDERED TO BE **RELEVANT**

Category* Citation of **document** . with indication, where **appropriate** , of the relevant passages Relevant to claim No.

US 5867799 A (Lang et al) 2 February 1999

P,, A Whole Document 1-13

US 5835905...

...considered to be of particular relevance understand the principle or theory underlying the invention "E1" earlier application or patent but published on or after "X" **document** of particular **relevance** ; the claimed invention cannot the international filing date be considered novel or cannot be considered to involve an document which may throw doubts on priority claim(s) inventive step when the document is taken alone or which is cited to establish the publication date of "Y" **document** of particular **relevance** ; the claimed invention cannot another citation or other special reason (as specified) be considered to involve an inventive step when the document is 11011 document...3929 Telephone No: (02) 6283 2177
Form PCT/ISA/210 (second sheet) (July 1998)
INTERNATIONAL SEARCH REPORT International application No.
PCT/AUOO/00158

C (Continuation). **DOCUMENTS** CONSIDERED TO BE **RELEVANT**
Category* Citation of **document** , with indication, where **appropriate** ,
of the relevant passages Relevant to claim No.
US 5706507 A (Schloss) 6 January 1998
A Whole Document 1-13
US 5678041 A (Baker et al) 14 October 1997
A Whole Document 1-13
Form PCT/ISA/2 IO (continuation of Box C) (July 1998)
INTERNATIONAL **SEARCH** REPORT International application No.
Information on patent family members PCT/AUOO/00158
This Annex lists the known, % - n "A" publication level patent family members
relating to the patent **documents** cited in the above-mentioned
international search report. The Australian Patent Office is in no way
liable for these particulars
which are merely given for the purpose of information.
Patent **Document** Cited in **Search** Patent Family Member
Report
us 5867799 us 5983214 us 6029161
us 5835905
us 5835722 AU 35102/97 WO 9750259
us 5706507
us 5678041 CA 2176775...

21/5,K/32 (Item 28 from file: 349)
DIALOG(R) File 349: PCT FULLTEXT
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00730914 **Image available**

RATING ENGINE CONSTRAINT PROCESSING
TRAITEMENT DE CONTRAINTE DE TARIFICATION

Patent Applicant/Assignee:

CHANNELPOINT INC, 10155 Westmoor Drive, Suite 210, Westminster, CO 80020,
US, US (Residence), US (Nationality)

Inventor(s):

JACKSON Jerry R, 11270 Wakely Road, Colorado Springs, CO 80908, US

Legal Representative:

BURTON Carol W, Hogan & Hartson LLP, Suite 1500, 1200 17th Street,
Denver, CO 80202, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200043901 A1 20000727 (WO 0043901)

Application: WO 2000US737 20000112 (PCT/WO US0000737)

Priority Application: US 99234551 19990120

Designated States: AU CA JP NZ

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: G06F-015/21

International Patent Class: G06F-017/30; G06F-019/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5646

English Abstract

A computer (111) implemented rating methodology for generating rate
quotes in a plurality of externally defined contexts. A database (305)
includes records describing objects to be rated. At least one
context-specific constraint module (203) is defined that is selectively
enabled and selectively called to constrain rating of selected records. A
context-generic rating module (201) is provided comprising programming
constructs that access records from the database (305), perform basic
computations on the records to generate output data, and selectively
enable the constraint module (203) and call constraints defined in the
rate module (201).

French Abstract

La presente invention concerne un procede de tarification par ordinateur (111) servant a etablir une tarification selon divers contextes extérieurs definis. Une base de donnees (305) comprend des enregistrements de description d'objets auxquels doit etre appliquee une tarification. Au moins un module (203) de contrainte specifique d'un contexte est defini, ledit module etant active et appele de maniere selective pour imposer des contraintes a la tarification d'enregistrements selectionnes. Un module (201) de tarification generique basee sur le contexte comprend des constructions de programmation qui ont acces aux enregistrements de la base de donnees (305), effectuent des calculs simples sur ces enregistrements afin de generer des donnees de sortie, activent de maniere selective le module de contrainte (203) et appellent les contraintes definies dans le module de tarification (201).

Legal Status (Type, Date, Text)

Publication 20000727 A1 With international search report.

Examination 20000914 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Claims

Claim

... BY 1

403 TO ID STATE AND COUNTRY THE CLAS;
COMPILE SOURCE CODE
TO CLASS FILE(S) 05
TRAVERSE DATABASE TABLE
REFERENCES
TO ID CONSTRAINT
ASSOCIATE CONSTRAINT 405 MODULES
CLASS **FILE** (S) Fil
WITH GEOGRAPHIC
REGION 507
EXTRACT CLASS FILE(S) FOR
IDENTIFIED CONSTRAINT
MODULES FROM
STORE CLASS FILE(S) 407 DATABASE BLOBS
AS BLOB WITHIN...

...4

COLORADO MARKET1
ARIZONA MARKET2
TEXAS MARKET3
MARKET4
MISSISSIPPI
NEW YORK MARKET5
MARKET6
WASHINGTON
BLOBS@@
CONSTRAINT
CONSTRAINT
CLASS FILE 1
CONSTRAINT
CONSTRAINT
CON TRAI NT
CLASS **FILE** 2 CONSTRAINT
INTERNATIONAL **SEARCH** REPORT International application No.
PCT/USOO/00737
A. CLASSIFICATION OF SUBJECT MATTER
IPC(7) :G06F 15/21, 17/30, 19/00,
US CL :705/1...

...system followed by classification symbols)

U.S. : G06F 15/21, 17/30, 19/00,

Documentation searched other than minimum documentation to the extent that such **documents** are included in the fields searched Electronic **data** base consulted durant, the international **search** (name of **data**

base and, where practicable, search terms used)
APS

RATING, PRICING, COMPUTING, FILTERING, GENERIC, GENERAL, MODIFYING

C. DOCUMENTS CONSIDERED TO BE **RELEVANT**

Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.

X US 4,831,526 A(LUCHS et al) 16 May 1989, entire document. 1-14

X...which is when the document is (also alone cited to establish life publication (late of another citation or other Y. special lease)

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invalid11011 call1101 be CLIII'IdelCli 11) IIIk'01VC all Ilo'CrIlIVC Slep W11CII file (10CUillelt Is docillneill letelllllk@ lo In "lal

discloslllc@ use...

21/5,K/34 (Item 30 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00543749 **Image available**

AN IMPROVED INFORMATION RETRIEVAL SYSTEM UTILIZING PROBABILITIES

SYSTEME AMELIORE DE RECHERCHE D'INFORMATIONS FAISANT APPEL A DES PROBABILITES

Patent Applicant/Assignee:

GTE INTERNETWORKING INCORPORATED,

Inventor(s):

SCHWARTZ Richard M,

MILLER David R H,

LEEK Timothy R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200007122 A1 20000210 (WO 0007122)

Application: WO 99US16983 19990728 (PCT/WO US9916983)

Priority Application: US 98127685 19980731

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU

TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG

CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-017/30

International Patent Class: G10L-009/06

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7469

English Abstract

Methods and systems consistent with the present invention provide an improved IR system that performs information retrieval by using probabilities. When performing information retrieval, the improved IR system utilizes both the prior probability (410) that a document is relevant independent of the query as well as the probability that the query was generated by a particular document given that the particular document is relevant (414). By using these probabilities, the improved IR system retrieves documents (416) in a more accurate manner than conventional systems which are based on an ad hoc approach.

French Abstract

les procedes et le systeme selon l'invention assurent une meilleure recherche des informations par recours aux probabilites. Pour la recherche d'informations, ce systeme ameliore fait intervenir deux probabilites: une probabilite anterieure (410) selon laquelle un document est pertinent independamment de l'interrogation, et une autre probabilite (414) selon laquelle l'interrogation a ete emise pour un document determine pour autant que ce document soit pertinent (414). Grace a ces probabilites, le systeme de recherche de l'information retrouve des documents (416) avec plus de precision que les systemes traditionnels

Estimate prior probability
 Estimate probability that a query 318
 Run Training data
 322
 Generate new query
 324
 Associate query
 with training data
 326
 Reestimate probability
 based on word features
 FIG, 3B
 /8
 uery
 - A02
 Receive query
 1 404
 Lookup each query word
 Compute score for each 406
 document for each query word
 408
 Add up scores each document
 gets for all the query words
 410
 Factor in prior probability
 412
 Rank documents by final score
 i
 414
 Generate new query
 1
 416
 Retrieve documents
 based on new query
 FIGe 4
 INTERNATIONAL SEARCH REPORT I nternational application No.
 PCT/US99/16983
 A. CLASSIFICATION OF SUBJECT MATTER
 IPC(6) :G06F 17/30; GIOL 9/06...

...5, 103; 704/256

Documentation searched other than minimum documentation to the extent
 that such documents are included in the fields se-arched
 NONE

Electronic data base consulted during the international search (name of
 data base and, where practicable, search terms used)

APS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category* Citation of document , with indication, where appropriate ,
 of the relevant passages Relevant to claim No.

Y US 51488,725 A (TURTLE ET AL.) 30 January 1996, 1-64

the entire paper is...

...and

the entire paper is relevant. 55-60

XIP US 51905,980 A (MASUICHI ET AL.) 18 May 1999, 1-64

the entire paper is relevant .

f

Further documents are listed in the continuation of Box C. E] See
 patent family annex. Special categories of cited documents: IT' later
 document published after die international...

...understand

'A' document defining the general state of the art which is not
 considered the principle or theory underlying the invention
 to be of particular relevance

.E. earlier document published on or after the international filing
 date X. document of particular relevance ; the claimed invention

cannot be
considered novel or cannot be considered to involve an inventive step
-L' document which may throw doubts on priority claim...

...or which is when the document is taken alone cited to establish the
publication date of another citation or other Y. special reason (as
specified) **document** of particular **relevance** ; the claimed invention
cannot be

considered to involve an inventive stop when the document is
document referring to an oral disclosure, use, exhibition or other...

...703) 305-3230 Telephone No. (703

Form PCT/ISA/210 (second sheet) (July 1992)

INTERNATIONAL SEARCH REPORT International application No.

PCT/US99/16983

C (Continuation). **DOCUMENT 'S** CONSIDERED TO BE **RELEVANT**

Category* Citation of **document** , with indication, where **appropriate** ,
of the relevant passages Relevant to claim No.

X3E US 51950@189 A (COHEN ET AL.) 07 September 1999, 1-64

the entire paper is...

21/5,K/35 (Item 31 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00539942 **Image available**

**A SEARCH SYSTEM AND METHOD FOR RETRIEVAL OF DATA, AND THE USE THEREOF IN A
SEARCH ENGINE**

**SYSTEME ET PROCEDE EN VUE DE LA RECUPERATION DE DONNEES ET SON UTILISATION
DANS UN AUTOMATE DE RECHERCHE**

Patent Applicant/Assignee:

FAST SEARCH & TRANSFER ASA,

RISVIK Knut Magne,

Inventor(s):

RISVIK Knut Magne,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200003315 A2 20000120 (WO 0003315)

Application: WO 99NO233 19990709 (PCT/WO NO9900233)

Priority Application: NO 983175 19980710

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU

TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG

CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-017/30

Publication Language: English

English Abstract

A **search** system for **information retrieval** comprises a **data**
structure for storing a text T, a combined metric M which includes an
edit distance metric for approximate degree of matching between words
and/or symbols or sequences thereof in the **text** T and **words** and/or
symbols in a sequence P, weighting cost functions for edit operations
which transform a sequence S of words or symbols into the sequence P, and
a search algorithm for determining the degree of matching between words
or word sequences in a suffix tree representation of respectively the
text T and a **query** Q. The algorithm **searches** the **data** structure
with the **query** Q, **retrieving information** with specified **match** to
the **query** . A method in a **search** system for **information retrieval**
generates a **word** -spaced sparse suffix tree for storing suffixes of
words in a **text** T as **word sequence information** , and a **word**
size-dependent edit distance metric for word sequences S, P and including
word - weighted cost functions for edit operations, and determines
matches between **word** sequences SR or **retrieved information** R and
word sequences PQ of a query Q by calculating the edit distance for all
matches. Use in an approximate search engine.

French Abstract

L'invention porte sur un systeme de recherche d'informations comportant; une structure de donnees de stockage d'un texte T; un metrique M combine de mesure du niveau de concordance evaluant le niveau approximatif de concordance entre des mots et/ou des symboles, ou des phrases en etant faites, du texte T, et des mots ou symboles d'une sequence P; des fonctions de ponderation des mots dans des operations de mise au point de textes transformant une sequence S de mots ou de symboles en une sequence P; et un algorithme de recherche determinant le niveau de concordance entre des mots ou sequences de mots dans une representation presentant respectivement le texte T et la question Q. L'algorithme recherche la structure de donnees en posant la question Q et recupere l'information correspondant specifiquement. L'invention porte en outre sur un procede lie a un systeme de recherche d'informations produisant un arbre a suffixe de mots clairsemees stockant des suffixes de mots d'un texte T sous forme d'une sequence de mots d'information, recourant a un metrique de mesure du niveau de concordance entre les sequences de mots S et P, comportant des fonctions de cout ponderees en mots pour les operations de mise au point de textes, et determinant les correspondances entre les sequences de mots Sr des informations R recuperees et les sequences de mots Pq de la demande Q en calculant le niveau de concordance pour toutes les correspondances. L'invention porte en outre sur son utilisation dans un automate de recherche par approximation.

English Abstract

A **search** system for **information retrieval** comprises a **data** structure for storing a text T, a combined metric M which includes an edit distance metric for approximate degree of matching between words and/or symbols or sequences thereof in the **text** T and **words** and/or symbols in a sequence P, weighting cost functions for edit operations which transform a sequence S of words or symbols into the sequence P, and a search algorithm for determining the degree of matching between words or word sequences in a suffix tree representation of respectively the **text** T and a **query** Q. The algorithm **searches** the **data** structure with the **query** Q, **retrieving information** with specified **match** to the **query**. A method in a **search** system for **information retrieval** generates a **word** -spaced sparse suffix tree for storing suffixes of **words** in a **text** T as **word** sequence **information**, and a **word** size-dependent edit distance metric for word sequences S, P and including **word - weighted** cost functions for edit operations, and determines matches between **word** sequences SR or **retrieved information** R and **word** sequences PQ of a query Q by calculating the edit distance for all matches. Use in an approximate search engine.

21/5,K/38 (Item 34 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00514135 **Image available**

**IDENTIFYING THE ITEMS MOST RELEVANT TO A CURRENT QUERY BASED ON ITEMS
SELECTED IN CONNECTION WITH SIMILAR QUERIES**

**IDENTIFICATION DES ENTITES REpondant LE MIEUX A UNE RECHERCHE COURANTE
SELON LES ENTITES SELECTIONNEES PAR RAPPORT A DES RECHERCHES ANALOGUES**

Patent Applicant/Assignee:

AMAZON COM INC,
BOWMAN Dwayne,
ORTEGA Ruben E,
LINDEN Greg,
SPIEGEL Joel R,

Inventor(s):

BOWMAN Dwayne,
ORTEGA Ruben E,
LINDEN Greg,
SPIEGEL Joel R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9945487 A1 19990910

Application: WO 98US26985 19981218 (PCT/WO US9826985)

Priority Application: US 9833824 19980303; US 9841081 19980310

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG
US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT
BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA
GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-017/60

International Patent Class: G06F-017/30

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7218

English Abstract

The present invention provides a software facility for identifying the items most relevant to a current query based on items selected in connection with similar queries. In preferred embodiments of the invention, the facility receives a query specifying one or more query terms. In response, the facility generates a query result identifying a plurality of items that satisfy the query. The facility then produces a ranking value for at least a portion of the items identified in the query result by combining the relative frequencies with which users selected that item from the query results generated from queries specifying each of the terms specified by the query. The facility identifies as most relevant those items having the highest ranking values.

French Abstract

L'invention concerne une fonction logicielle permettant d'identifier les entites repondant le mieux a une recherche courante selon les entites selectionnees par rapport a des recherches analogues. Selon des modes de realisation preferes, la fonction recoit une recherche precisant un ou plusieurs termes de recherche. En reaction, la fonction genere un resultat de recherche identifiant une pluralite d'entites repondant a la recherche. La fonction produit ensuite une valeur de classement pour au moins une partie des entites a partir des resultats de la recherche generes a partir des recherches precisant chacun des termes precises par la recherche. La fonction considere comme appropriees toutes les entites dont les valeurs de classement sont les plus elevees.

Fulltext Availability:

Claims

Claim

... queries specifying each of the terms of the query to producing a ranking value for the item.

15 A computer memory containing a user behavior **data** structure usable to rank the **relevance** of items in a **query** result, the **data** structure comprising a plurality of rating scores, each rating **score** corresponding both to a query **term** and to an item, and reflecting quantitatively the extent to which users have selected the item from query results generated from queries specifying the **query term**, such that the **data** structure may be used to rank items in a distinguished query result produced for a distinguished query by, for each item in the distinguished **query** result, retrieving from the **data** structure the rating scores **corresponding** to the item and any term specified in the distinguished query and combining the retrieved rating scores to generate a ranking value for the item.

21/5,K/42 (Item 38 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00420136 **Image available**

PERSONAL FEEDBACK BROWSER

NAVIGATEUR PERSONNEL DE RETOUR D'INFORMATIONS

Patent Applicant/Assignee:

RAPAPORT Jeffrey Alan,
RAPAPORT Seymour Alvin,

Inventor(s):

RAPAPORT Jeffrey Alan,
RAPAPORT Seymour Alvin,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9810597 A2 19980312

Application: WO 97US15417 19970903 (PCT/WO US9715417)

Priority Application: US 96709762 19960909

Designated States: CA JP KR MX AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL
PT SE

Main International Patent Class: G06F-003/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 16966

English Abstract

A personal feedback browser and personal profile database (107) is provided for obtaining media files from the internet (209). A personal feedback browser selects media files (209) based on user-specified information stored in the personal profile database (107). Profile objects can be positioned a specified distance from a self object (210, 215, 220, 204). The personal profile database (107) is also adjusted based upon user selection and absorption of media files (220, 204, 230).

French Abstract

On decrit un navigateur personnel de retour d'informations ainsi qu'une base de donnees a profil personnel, aux fins d'obtention de fichiers informatises a partir de l'Internet. Ce navigateur choisit des fichiers informatises d'apres des informations specifiees par l'utilisateur et conservees dans ladite base de donnees, laquelle comprend des objets a profil representant les interets, l'attitude/aptitude, la comprehension de textes et les gouts d'un utilisateur. Ces objets sont constitues d'ensembles de mots/phrases cles possedant des valeurs ponderees assignees, et ils peuvent etre places a une distance determinee d'un objet autonome. La distance entre l'objet a profil et l'objet autonome represente l'effet obtenu par l'objet a profil, par filtrage et/ou selection des fichiers informatises destines a cet utilisateur. Le navigateur de l'invention comprend un programme logiciel destine a evaluer des fichiers informatises, d'apres une base de donnees a profil personnel, laquelle est egalement reglee en fonction du choix de l'utilisateur et de l'absorption des fichiers informatises effectuee par celui-ci. On decrit un programme logiciel de conversion de son en texte, destine a convertir un fichier sonore en un fichier textuel.

Fulltext Availability:

Claims

Claim

CLAIMS

1 A **data** processing apparatus for **obtaining information** from a computer network, comprising:

(a) a display for displaying data to a user;

(b) input means for supplying input data in response to

a...

...memory, for controlling the memory, input means, and the

1 display, in response to the stored personal feedback browser and personal profile database and input **data** to **retrieve information** from

the computer network;

wherein the personal feedback browser provides a

5 media file to a display based on the personal profile database.

2) The apparatus of claim 1, wherein the personal feedback browser includes:

(a) a profile builder software program for **obtaining** and storing personal profile **data** in the personal profile database.

3) The apparatus of claim 2, wherein the profile builder software program uses a series of questions to adjust at...

...a profile object.

4) The apparatus of claim 1, wherein the personal feedback browser includes:

(a) a media evaluation software program for evaluating the media **file obtained** from the computer network based upon the personal profile database.

5) The apparatus of claim 4, wherein the media evaluation software program includes:

(a) a...

...a user.

12) The apparatus of claim 1, wherein the personal profile database includes an identity/interest profile object which has at least one key **word** with an assigned **weight** value.

13) The apparatus of claim 1, wherein the personal profile database includes a hero profile object which has at least one key **word** with an assigned **weight** value.

14) The apparatus of claim 1, wherein the personal profile database includes a descriptor profile object which has at least one key **word** with an assigned **weight** value.

15) The apparatus of claim 1, wherein the personal profile database includes an attitude/aptitude profile object which has at least one key **word** with an assigned **weight** value.

16) The apparatus of claim 2, wherein the profile builder further includes:

(a) a software program for determining a text media comprehension parameter for...

...includes:

(a) a software program for extracting positive and negative assigned key words from 1) a user's personal profile database and 2) a media **file** in order to create a **corresponding media file** index value.

18) The apparatus of claim 4, wherein the media evaluation software program includes:

(a) a software program for **obtaining** a text comprehension parameter for the media **file**;

(b) a software program for **obtaining** a text comprehension parameter for a user;

(c) a software program for obtaining a comprehension index value based on the media file's text comprehension parameter and...

...personal feedback

browser includes:

(a) a mark-up software program for highlighting sections of a media file in response to summing a plurality of key **words** assigned values in the media **file**.

20) An article of manufacture, including computer readable medium having computer readable program code means embodied therein for **obtaining** a media **file** from the internet, comprising:

(a) computer-readable program code means for building a personal profile database responsive to user input;

(b) computer-readable program code means for evaluating a media **file obtained** from the internet based upon the personal profile database;

(c) computer-readable program code means for

10 adjusting the personal profile database responsive to...

...claim 20, wherein the

computer-readable program code means for evaluating a media file includes:

(a) computer-readable program code means for obtaining a key word having an associated weight value from the personal profile database;
(b) computer-readable program code means for identifying the key word in a media file;
(c) computer-readable program code means for multiplying an occurrence of the key word in the media file by the associated key word weight value in order to obtain a product; and,
(d) computer-readable program code means for summing the products in order to provide a media indication value.

24) A method for obtaining a media file from the internet, the method comprising the steps of:

(a) building a personal profile database containing user specific information;
(b) retrieving a plurality of media files from the internet based upon a subject key word;
(c) evaluating the plurality of media files obtained from the internet responsive to the personal profile database;
(d) adjusting the user's personal profile database in response to a selection of a media file from the plurality of media files

1 obtained from the internet; and,

(e) adjusting the personal profile database based on a user's absorption of the media file obtained from the internet.

25) The method of claim 24, wherein the step of building a personal profile database includes the steps of:

(a) selecting a...

...at least one parameter of the profile object.

26) The method of claim 24, wherein the building personal profile database includes the step of:

(a) obtaining a user text media comprehension parameter.

21/5,K/43 (Item 39 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00416644 **Image available**

REAL-TIME DOCUMENT COLLECTION SEARCH ENGINE WITH PHRASE INDEXING
UNITE DE RECHERCHE EN TEMPS REEL DANS UN ENSEMBLE DE DOCUMENTS AVEC
INDEXAGE PAR GROUPES DE MOTS

Patent Applicant/Assignee:

INFOSEEK CORPORATION,

Inventor(s):

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CHANG William I,

MILLER Ed R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9807105 A1 19980219

Application: WO 97US10245 19970612 (PCT/WO US9710245)

Priority Application: US 96696782 19960814

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW

MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN GH KE LS MW

SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE

IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-017/30

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7580

English Abstract

A collection search system is responsive to a user query against a

collection of documents to provide a search report. The collection search system includes a collection index including first predetermined single word and multiple word phrases as indexed terms occurring in the collection of documents, a linguistic parser that identifies a list of search terms from a user query, the linguistic parser identifying the list from second predetermined single words and multiple word phrases, and a search engine coupled to receive the list from the linguistic parser. The search engine operates to intersect the list with the collection index to identify a predetermined document from the collection of documents. The search engine includes an accumulator for summing a relevancy score for the predetermined document that is related to the intersection of the predetermined document with the list.

French Abstract

Systeme de recherche dans un ensemble de documents, qui repond a l'interrogation d'un utilisateur pour fournir un rapport de recherche. Ledit systeme comporte un index d'ensemble comportant des premiers mots uniques et groupes de mots multiples predetermines en tant que termes indexes apparaissant dans l'ensemble de documents, un analyseur linguistique qui identifie une liste de termes de recherche provenant de l'interrogation d'un utilisateur, ledit analyseur identifiant la liste a partir de seconds mots uniques et groupes de mots multiples predetermines, et une unite de recherche couplee de maniere a recevoir la liste de l'analyseur. L'unite de recherche fonctionne par recoupement de la liste avec l'index de l'ensemble pour identifier un document predetermine dans l'ensemble de documents. Ladite unite comporte un accumulateur permettant d'additionner un score de pertinence pour le document predetermine, qui se rapporte au recoupement du document predetermine avec la liste.

Fulltext Availability:
Claims

Claim

... query terms being selected consistent with a
list of query terms; and
c) a search engine that calculates the intersection between said predetermined infon-national **terms** of a set of **documents** and said predetermined **query terms** to provide **document** respective **score** representations for said set of **documents**, said **search engine** producing a ranked **search** report of said set of **documents** based on said **document** respective score representations.

5 A **search** system providing for the evaluation of a search query against an indexed collection of documents, said search system comprising:
a) a first index part indexing...

21/5,K/47 (Item 43 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00296822 **Image available**

ASSOCIATIVE TEXT SEARCH AND RETRIEVAL SYSTEM
SYSTEME ASSOCIATIF DE RECHERCHE ET DE RECUPERATION DE TEXTE
Patent Applicant/Assignee:

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Inventor(s):
HOLT John,
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DALEY Ray,
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GRAHAM Richard G,
LEININGER Catherine,
McBEATH Darin W,
PEASE Thomas,

SEVER Stephen M,
WADDELL Dale,
WECKESSER Franz,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9514973 A1 19950601
Application: WO 94US13272 19941122 (PCT/WO US9413272)
Priority Application: US 93155304 19931122
Designated States: CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Main International Patent Class: G06F-017/30
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 12236

English Abstract

An associative text search and retrieval system (30) uses one or more front end processors (56-58) to interact with a network (62) having one or more user terminals (64-66) connected thereto to allow a user to provide information to the system (30) and receive information from the system. The system (30) also includes storage (46-49) for a plurality of text documents, and at least one processor (42-44), coupled to the front end processors (56-58) and the document storage (46-49). Each of the processors (42-44) is provided access to thesaurus dictionaries (52-54). The processor(s) (32-35) search the text documents according to a search request provided by the user and provide to the front end processor (56-58) a predetermined number of retrieved documents containing at least one term of the search request. The retrieved documents have higher ranks than documents not provided to the front end processor (56-58). The ranks are calculated using a formula that varies according to the square of the frequency in each of the text documents of each of the search terms.

French Abstract

Systeme (30) associatif de recherche et de recuperation de texte dans lequel un ou plusieurs processeurs (56-58) frontaux servent a interagir avec un reseau (62) comprenant un ou plusieurs terminaux (64-66) d'utilisateurs connectes a ce dernier afin de permettre a un utilisateur de fournir des informations au systeme (30) et d'en recevoir de ce dernier. Ce systeme (30) comprend egalement des moyens de stockage (46-49) destines a stocker une pluralite de documents textuels, et au moins un processeur (42-44) qui est couple aux processeurs frontaux (56-58) et aux moyens de stockage (46-49) de documents. Chaque processeur (42-44) a acces a des dictionnaires thesaurus (52-54). Le ou les processeurs (32-35) recherchent les documents textuels suivant une demande de recherche formulee par l'utilisateur et fournissent au processeur frontal (56-58) un nombre predetermine de documents retrouves qui contiennent au moins un terme de la demande de recherche. Les documents retrouves ont des valeurs de classement superieures a celles des documents non fournis au processeur frontal (56-58). Les valeurs de classement sont calculees a l'aide d'une formule qui varie en fonction du carre de la frequence dans chacun des documents textuels de chacun des termes de recherche.

Fulltext Availability:
Claims

Claim

... search terms in the window and the number of search terms in the window preceded by a different search term in the window.

14 An associative text search and retrieval system, according to claim 13, wherein the score is calculated by adding one to the score for the number of search terms in the window, adding two to the score for each search term in the window that is preceded by a different search term, and by adding two to the score for each search term in the window that is preceded by a different search term that is also preceded by a different search term.

15. An **associative text search and retrieval** system, according to claim 2, wherein said processing means comprises:
at least one Session Administrator (SA) computer coupled to the front end processing means; and
at least one Search and Retrieval (SR) computer coupled to the SA computer and to the document storage means,
wherein the SR computer performs the **search** on the **document** storage means and returns the **retrieved documents** to the SA computer and wherein the SA computer prompts the user to enter search terms and search options, provides the SR computer with the search request, and allows the user to view the **retrieved documents** returned to the SA computer by the SR computer.

16 An associative text search and retrieval system, according to claim 15, wherein the search request...search terms in the window and the number of search terms in the window preceded by a different search term in the window.

31 An **associative text search and retrieval** system, according to claim 30, wherein the score is calculated by adding one to the **score** for the number of search **terms** in the window, adding two to the **score** for each search **term** in the window that is preceded by a different search term, and by adding two to the **score** for each search **term** in the window that is preceded by a different search term that is also preceded by a different **search term**.

32 An **associative text search and retrieval** system, according to claim 31, wherein the processor means comprises:
at least one Session Administrator (SA) computer coupled to the front end processing means; and
at least one Search and Retrieval (SR) computer couple to the SA computer and to the document storage means,
wherein the SR computer performs the **search** on the **document** storage means and returns the **retrieved documents** to the SA computer and wherein the SA computer prompts the user to enter search terms and search options, provides the SR computer with the search request, and allows the user to view the **retrieved documents** returned to the SA computer by the SR computer.

33 An associative text search and retrieval system, according to

21/5,K/50 (Item 46 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00207480

ADAPTIVE RANKING SYSTEM FOR INFORMATION RETRIEVAL
SYSTEME DE CLASSEMENT ADAPTATIF POUR L'EXTRACTION D'INFORMATIONS

Patent Applicant/Assignee:

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Inventor(s):

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CHOW Anita,

DU Min-Wen,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9204681 A1 19920319

Application: WO 91US6070 19910826 (PCT/WO US9106070)

Priority Application: US 90828 19900829

Designated States: AT BE CA CH DE DK ES FR GB GR IT JP LU NL SE

Main International Patent Class: G06F-015/40

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5367

English Abstract

An adaptive record ranking method for full text information retrieval, which quantifies the relevance of retrieved records to query terms occurring in said record. The method utilizes a multilevel weighting technique which permits user input to affect record weighting at each level of the ranking process. The method utilizes weighted attributes of properties of terms occurring in the records of the data base and compensates for the distance between adjacent words of complex terms. The method has been implemented on large full text data bases and the resulting rankings achieve a relatively high level of precision in ranking the relevance of retrieved records to a user query.

French Abstract

Methode de classement d'enregistrements adaptative pour l'extraction d'informations textuelles, qui quantifie la pertinence des enregistrements retires par rapport aux termes d'interrogation se trouvant dans ledit enregistrement. La methode utilise une technique de ponderation multiniveau qui permet aux donnees introduites par l'utilisateur d'avoir une influence sur la ponderation d'enregistrement a chaque niveau du processus de classement. La methode utilise des attributs ponderes de proprietes de termes se trouvant dans les enregistrements de la base de donnees et compense la distance entre des mots adjacents de termes complexes. La methode a ete mise en oeuvre avec de grandes bases de donnees textuelles et les classements resultants atteignent un niveau relativement eleve de precision du classement de la pertinence des enregistrements extraits par rapport a une interrogation effectuee par un utilisateur.

Fulltext Availability:

Claims

English Abstract

An adaptive record ranking method for full text information retrieval, which quantifies the relevance of retrieved records to query terms occurring in said record. The method utilizes a multilevel weighting technique which permits user input to affect record weighting at each level of the ranking process. The method utilizes weighted attributes of properties of terms occurring in the records of the data base and compensates for the distance between adjacent words of complex terms. The method has been implemented on large full text data bases and the resulting rankings achieve a relatively high level of precision in ranking the relevance of retrieved records to a user query.

Claim

... onto a number of levels;
assigning, for each relevance factor F, values for attributes of properties of said query terms t which affect the relevance value of any record r to query terms t for each level;
searching a full text data base to retrieve records containing said query terms t;
calculating, for each query term t, a first relevance weight for each retrieved record r as a function of its occurrence in record r and, for a term having more than one word, the distance between the nearest occurrences of retrieved record r as a function of said first relevance weight value and said attributes affecting said relevance factor;
calculating, for each retrieved record r, a third relevance weight as a function of all of said second relevance weight values for all of said query terms t appearing in said record r;
using said third relevance weight as the weight of

24/5,K/5 (Item 3 from file: 349)
DIALOG(R) File 349: PCT FULLTEXT
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00909284 **Image available**

SYSTEM AND METHODS FOR DETERMINING THE DESIRABILITY OF VIDEO PROGRAMMING EVENTS

SYSTEME ET PROCEDES DE DETERMINATION DE L'OPPORTUNITE D'EVENEMENTS DE PROGRAMMATION VIDEO

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200243353 A2-A3 20020530 (WO 0243353)

Application: WO 2001US43471 20011116 (PCT/WO US0143471)

Priority Application: US 2000249179 20001116; US 2001793294 20010226; US 2001793322 20010226; US 2001793357 20010226; US 2001793479 20010226

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CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04N-001/16

International Patent Class: H04N-005/45; G06F-015/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 34720

English Abstract

The desirability of programming events may be determined by analysing metadata (20) for individual programming events using viewer preferences represented in viewer profiles. Metadata (20) may include scores associated with categories of hierarchy, and viewer profiles may include preference scores associated with categories of classification hierarchy. Metadata (20) may further include keywords or descriptive data, and viewer profiles may also include keywords. Keywords in viewer profiles may be associated with individual classification hierarchy. Analysis of the programming events may be performed to determine a recording schedule or an alert schedule. The programming events (28) for which metadata (20) is provided may be an individual segments of a video program. In addition, timing data may be provided in a closed caption data stream to identify beginnings of programming events, and may be used by recording devices to control recording or playback.

French Abstract

L'opportunité d'événements de programmation peut être déterminée par l'analyse de métadonnées pour différents événements de programmation sur la base de préférences de spectateurs représentés dans des profils. Les métadonnées peuvent comprendre des appréciations associées à des catégories d'une hiérarchie de classification. Ces métadonnées peuvent également comprendre des mots clés ou des données descriptives, et les profils spectateurs peuvent également comprendre des mots clés. Les mots clés des profils spectateurs peuvent être associés à différentes catégories de la hiérarchie de classification. Une analyse des événements

de programmation peut etre effectuee pour determiner un calendrier d'enregistrements ou d'alertes. Les evenements de programmation pour lesquels sont generees les metadonnees peuvent etre autant de segments individuels d'un programme video. De plus, des donnees temporelles peuvent etre generees dans un train de donnees de legendes fermees pour identifier le debut des evenements de programmation et peuvent etre utilisees par des dispositifs d'enregistrement pour commander l'enregistrement ou la lecture.

Legal Status (Type, Date, Text)

Publication 20020530 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20020822 Late publication of international search report

Republication 20020822 A3 With international search report.

...International Patent Class: G06F-015/16

Fulltext Availability:

Claims

Claim

... and

providing alerts to a viewer in accordance with said alert schedule.

145. The method claimed in claim 144, wherein providing alerts comprises displaying a **banner** on a video screen describing a programming

event in said programming event schedule.

146. The method claimed in claim 145, wherein a color of said **banner** indicates a viewer profile most closely matched by the corresponding programming event.

147. The method claimed in claim 145, wherein said **banner** comprises a description of said programming event including a highest scored matched

keyword from metadata of said programming event, and a highest scored matched category from said programming event.

112

. The method claimed in claim 147, wherein said **banner** further comprises **scores associated** with said matched **keyword** and said matched category.

149. The method claimed in claim 144, wherein providing an alert comprises:

determining an amount of time in advance of a...

...viewer profile category preference scores to determine rank based on category

matching, and

wherein said ranking further uses the at least one of metadata

descriptive **data** and metadata **keywords** and the at least one keyword of the at least one viewer profile to determine rank based upon keyword matching.

155. The method claimed in...

...goodness of fit score in the metadata of the programming event and a preference score in the at least one viewer profile; and

determining a **keyword match score** for each programming event having a keyword match, wherein a keyword match is a match the at least one of descriptive **data** and **keyword data** of the programming event metadata and a keyword of the at least one viewer profile.

156. The method claimed in claim 154, wherein the at...a

goodness of fit score in the metadata of the programming event and a preference score in the at least one viewer profile;

determining a **keyword match score** for each programming event having a keyword match, wherein a keyword match is a match between the at least one of descriptive **data** and **keyword data** of the programming event metadata

and a keyword of the at least one viewer profile; and

determining a qualified **keyword match score** for each programming event having a qualified keyword match, wherein a qualified keyword match

is a match between a qualified keyword of the at least one viewer profile and the
at least one of descriptive **data** and **keyword data** of the metadata of a
programming event having a goodness of fit score in the category
associated with the qualified keyword.
158. The method claimed...

...events, the metadata for a
programming event comprising goodness of fit scores associated with
categories of a classification hierarchy and at least one of descriptive
data and
keyword data ;
11 5
ranking the programming events in accordance viewing preferences
expressed in at least one viewer profile using said metadata;
determining a programming event alert...

...and
providing alerts to a viewer in accordance with said alert schedule.
160. The device claimed in claim 159, wherein providing alerts
comprises displaying a **banner** on a video screen describing a
programming
event in said programming event schedule.
1 61 The device claimed in claim 160, wherein a color of said **banner**
indicates a viewer profile most closely matched by the corresponding
programming event.
162. The device claimed in claim 160, wherein said **banner** comprises a
description of said programming event including a highest **scored**
matched
keyword from metadata of said programming event, and a highest scored
matched category from said programming event.
1 63. The device claimed in claim 1 62, wherein said **banner** further
comprises **scores associated** with said matched **keyword** and said
matched
category.
164. The device claimed in claim 159, wherein providing an alert
comprises:
determining an amount of time in advance of a...

24/5,K/6 (Item 4 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00903246 **Image available**

INTEGRATING SEARCH AND CLASSIFICATION: SCORING AND RANKING

INTEGRATION DE RECHERCHE ET DE CLASSIFICATION: RESULTAT ET CLASSEMENT

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200237328 A2 20020510 (WO 0237328)

Application: WO 2001IL942 20011011 (PCT/WO IL0100942)

Priority Application: US 2000690307 20001017

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6624

English Abstract

A system for obtaining a composite score of documents that includes a user interface for providing a composite query that includes a free-text query component and a category component and obtain documents that meet the composite query. The system further includes a processor for calculating a non-Boolean score of the document according to each one of the components. The processor is further configured to combine the scores so as to obtain a composite score, displaying through the user interface the documents associated with said score, possibly sorted by the scores.

French Abstract

L'invention concerne un systeme permettant d'obtenir un resultat combine de documents. Ce systeme comprend une interface utilisateur permettant de proceder a une interrogation combinee composee d'un element d'interrogation en forme libre et d'un element de categorie, et d'obtenir des documents repondant a l'interrogation combinee. Ce systeme comprend egalement un processeur permettant de calculer un resultat non-booleen en fonction de chacun des elements. De plus, le processeur est concu pour combiner les resultats de maniere a obtenir un resultat combine et pour afficher, via l'interface utilisateur, les documents associes audit resultat et eventuellement classes par ces resultats.

Legal Status (Type, Date, Text)

Publication 20020510 A2 Without international search report and to be republished upon receipt of that report.

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... document that describes such an event.

In the following, a document is considered indexed by the indexing concepts characterizing it. Apart from being used in ad-hoc search queries, indexing concepts may also be used to determine routine lo routing of incoming documents to addressees.

The process of associating indexing concepts to documents (the indexing process) is performed either manually, automatically, or by some combination of the two modes. With respect to indexing concepts that consist of terms...

24/5,K/7 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00897467 **Image available**

METHOD AND SYSTEM FOR ADVERTISEMENT USING INTERNET BROWSER TO INSERT ADVERTISEMENTS

PROCEDE ET SYSTEME DE PUBLICITE UTILISANT LE NAVIGATEUR D'INTERNET POUR INTRODUIRE DES ANNONCES PUBLICITAIRES

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Legal Representative:

ELLA CHEONG MIRANDAH & SPRUSONS PTE LTD (agent), 111 North Bridge Road #22-01/02/03, Peninsula Plaza, Singapore 179098, SG,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200231619 A2 20020418 (WO 0231619)

Application: WO 2001SG206 20011010 (PCT/WO SG0100206)

Priority Application: US 2000686965 20001012

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CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 14356

English Abstract

An electronic advertisement method and system for an Internet browser with a book-like page-based flipping interface. Full pages of electronic advertisements presented on the computer screen are possible without obstructing the viewing and reading of other contents. This benefits both the viewer as well as the advertiser. An advertisement matching/delivery system provides a novel method of inserting advertisements into content as well as a novel method for revenue sharing among the parties involved.

French Abstract

L'invention concerne un procede et un systeme d'annonces publicitaires electroniques concues pour un navigateur d'Internet dote d'une interface faisant tourner des pages du type livre. Il est possible de presenter des pleines pages d'annonces publicitaires electroniques sur un ecran d'ordinateur sans perturber la visualisation et la lecture d'autres contenus, et l'observateur et l'annonceur en tirent profit. Un systeme de correspondance/distribution d'annonces publicitaires presente un nouveau procede d'insertion de telles annonces dans le contenu, ainsi qu'un nouveau procede de repartition des recettes entre les differents protagonistes.

Legal Status (Type, Date, Text)

Publication 20020418 A2 Without international search report and to be republished upon receipt of that report.

Examination 20020613 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: **G06F**

Fulltext Availability:

Detailed Description

Detailed Description

... with the illustrative development of various data organization schemes, targeting information table 612c can@store targeting information in tables separate from the storage of the **advertisement** data itself. This data can

include targeting information such as advertisement classifications that relate to the desired content into which the advertisement is preferably inserted, desired demographic characteristics of readers likely to be accessing certain content, or other information related to the targeting of the advertisements. Targeting information table 612c can also store information related to targeting information of various content and/or extraction of targeting information from content. For example, if a content provider does not provide content targeting information regarding their particular
31
content...

...access-by the browser software when a particular content such as a web site is accessed. In this way, a browser software may insert targeted advertisements into content without the content provider's acquiescence. For example, assume that an online newspaper does not wish to provide demographic information regarding their content in HTML format so that a web-browser software can insert advertisements. Targeting information table 612c can include (approximate or actual) demographic information regarding the online newspaper. This information can be acquired, for example, by contacting the online newspaper's advertising department for the relevant demographic information, or it can be extracted from the content itself. For example, a Flesch Kincaid Grade Level score for the content can be determined automatically (by, e.g., the browser or a maintainer of the advertisement database system 610) and used to assign some demographic characteristics to the content. Alternatively, the document can be searched and the occurrence rate of certain keywords can be used to assign demographic characteristics to the content. For example, frequent occurrence of the word "ninjall in the content might indicate a reader demographic weighted toward pre-teen or teenage males, while frequent occurrence of the word "yacht" might indicate a different reader demographic. Alternatively, the demographic of the advertisements inserted by the content providers themselves can be used to ascertain the reader demographic of a certain content.

32/5,K/6 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00881611

ADVERTISING SYSTEM AND GAME

SYSTEME PUBLICITAIRE ET JEU

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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Providenciales, Turks & Caicos Islands, TC, -- (Residence), CA
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Legal Representative:

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Ontario M5H 3Y2, CA,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200213931 A2 20020221 (WO 0213931)

Application: WO 2001CA1145 20010814 (PCT/WO CA0101145)

Priority Application: US 2000224508 20000814

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: A63F-009/18

International Patent Class: A63F-003/06; **G06F-017/60**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11379

English Abstract

French Abstract

Legal Status (Type, Date, Text)

Publication 20020221 A2 Without international search report and to be
republished upon receipt of that report.

Declaration 20020404 Late publication under Article 17.2a

Republication 20020404 A2 With declaration under Article 17(2)(a); without
abstract; title not checked by the International
Searching Authority.

Examination 20020620 Request for preliminary examination prior to end of
19th month from priority date

...International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... the game and any of these spaces may be used to complete a winning
combination. In each of the free spaces 146, one of the **advertisement**
or **advertisements** selected to represent primary sponsor 122 in step 604
is displayed. In each of the initially revealed spaces 172 selected in

step 606, the **advertisement** representing one of the associate sponsors 124 is displayed. The remaining spaces, which are covered spaces 162 (i.e. the **advertisement** associated with the space is not revealed). These spaces may appear blank or may have a selected design (which itself may be an **advertisement** for a primary sponsor 122, associate sponsor 124 or other entity) on them. Information relating to the registered surfer's score in the campaign is displayed in information section 142. This information may include - 14 the registered surfer's **score** since the beginning of the **term** of the campaign 114, since the beginning of any sub-term of the campaign, the number of points earned during the present game (which will...

...points awarded to registered surfer 170 by each associate sponsor 124 since the beginning of the term of the campaign 114 and/or a sub- **term** of the campaign 114. In **addition**, the number of questions answered incorrectly during the present game is displayed (this will be 0 at the beginning of each game).

[60] Method 600...

32/5,K/8 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00809290 **Image available**

SEARCH QUERY REFINEMENT USING RELATED SEARCH PHRASES

AFFINAGE DE DEMANDES DE RECHERCHE A L'AIDE DE GROUPES DE MOTS DE RECHERCHE APPARENTES

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

DELANEY Karoline A (agent), Knobbe, Martens, Olson & Bear, LLP, 620
Newport Center Drive, 16th Floor, Newport Beach, CA 92660, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200142880 A2-A3 20010614 (WO 0142880)

Application: WO 2000US42576 20001205 (PCT/WO US0042576)

Priority Application: US 99170151 19991210; US 2000533230 20000322

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE
EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT TZ UA UG UZ
VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9705

English Abstract

A search engine system uses information about historical query submissions to a search engine to suggest previously-submitted, related search phrases to users (110). The related search phrases (139) are preferably suggested based on a most recent set of query submission data, and thus strongly reflect the current searching patterns or interests of users. The system is preferably implemented within a search engine used to locate items that are available for electronic purchase (133), but may

be implemented within other types of search engines. In one embodiment, the related search phrases are scored and selected for display based at least in-part on an evaluation of the "usefulness" of each search phrase, as reflected by actions performed by prior users while viewing the corresponding search results.

French Abstract

Systeme de moteur de recherche qui utilise des informations relatives a l'historique des demandes de recherche adressees a un moteur de recherche pour suggerer aux utilisateurs des groupes de mots de recherche apparentes precedemment soumis. Les groupes de mots de recherche apparentes sont de preference suggeres sur la base de la serie la plus recente des donnees de demandes soumises (par ex. les demandes soumises pendant les deux dernieres semaines), et refletent donc etroitement les tendances et les interets des utilisateurs en matiere de recherche au moment concerne. Ledit systeme est de preference mis en oeuvre dans un moteur de recherche utilise pour localiser des articles disponibles par achat electronique, mais peut etre mis en oeuvre dans d'autres types de moteurs de recherche. Dans un mode de realisation, les groupes de mots de recherche apparentes sont dotes d'un score et selectionnes en vue de leur affichage, au moins en partie sur la base d'une evaluation de l'<=utilite> de chacun de ces groupes de mots, telle qu'elle est relee par les actions qu'ont engage les utilisateurs precedents lors du visionnement des resultats de recherche correspondants.

Legal Status (Type, Date, Text)

Publication 20010614 A2 Without international search report and to be republished upon receipt of that report.
Examination 20011011 Request for preliminary examination prior to end of 19th month from priority date
Search Rpt 20011101 Late publication of international search report
Republication 20011101 A3 With international search report.

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... e.g., over 100) may be ignored, or accorded a lesser weight, to avoid suggesting search phrases that produce large query results.

Although the exemplary **scores** 146 for the related search **phrases** are based solely on frequency of search phrase occurrence in the illustrated embodiment, other types of criteria may additionally or alternatively be used. As mentioned...

...such as an item viewing event, an item purchase event, and/or other type of event that can be identified within a transaction log. In **addition**, the search **phrases** may be **scored** in-whole or in-part based on the number of hits produced, as reflected within the log, with search phrases that produced relatively small numbers...

...also be incorporated into the scoring process, such as available stock (e.g., surplus of goods), time of year (e.g., holiday-related goods), or **promotion** of specific events (e.g., the Olympics). For example, search phrases that have

, 5,

tended to produce purchases of items for which a surplus of...

32/5,K/11 (Item 9 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00515367 **Image available**

METHOD AND APPARATUS FOR ANALYZING DATA AND ADVERTISING OPTIMIZATION
PROCEDE ET APPAREIL D'ANALYSE DE DONNEES ET D'OPTIMISATION PUBLICITAIRE
Patent Applicant/Assignee:

CANNON HOLDINGS L L C,
Inventor(s):
CANNON Mark E,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9946719 A1 19990916
Application: WO 99US5363 19990309 (PCT/WO US9905363)
Priority Application: US 9838380 19980311
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA
UG UZ VN YU ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM
AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM
GA GN GW ML MR NE SN TD TG
Main International Patent Class: G06F-019/00
International Patent Class: H04N-007/10; H04M-011/00; H04H-009/00;
H04H-001/02; H04H-001/00; H04B-017/00
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 44730

English Abstract

The most preferred embodiment of the present invention is a computer-based decision support system that includes three main components: a database mining engine (DME) (127); an advertising optimization mechanism (128); and a customized user interface (125) that provides access to the various features of the invention. The user interface (125), in conjunction with the DME (128), provides a unique and innovative way to store, retrieve and manipulate data from existing databases containing media-related audience access data, which describe the access habits and preferences of the media audience. By using a database with a simplified storage and retrieval protocol, the data contained therein can be effectively manipulated in real time. This means that previously complex and lengthy information retrieval and analysis activities can be accomplished in very short periods of time (typically seconds instead of minutes or even hours). Further, by utilizing the advertising optimization mechanism (128) of the present invention, businesses, networks, and advertising agencies can interactively create, store, rank and compare various proposed or actual advertising strategies in a simple and efficient manner. This allows the decision-makers to more effectively tailor their marketing efforts and successfully reach the desired target market while conserving scarce advertising capital. Finally, the user interface (125) for the system provides access to both the DME (127) and the optimization mechanism in a simple and straightforward manner, significantly reducing training time.

French Abstract

Le mode de realisation prefere de la presente invention est un systeme informatique d'aide a la decision comprenant trois composants principaux: un moteur de prospection de bases de donnees (DME) (127); un mecanisme d'optimisation publicitaire (128); et une interface (125) utilisateur personnalisee assurant l'accès a diverses caracteristiques de l'invention. L'interface utilisateur (125), conjointement au DME (128), constitue un moyen unique et novateur d'enregistrer, d'extraire et de manipuler des donnees a partir de bases de donnees existantes renfermant des donnees d'accès public liees aux medias, lesquelles decrivent les habitudes et les preferences d'accès du public des medias. En utilisant une base de donnees assortie d'un protocole d'enregistrement et d'extraction simplifie, les donnees renfermees dans ladite base peuvent etre manipulees efficacement en temps reel, ce qui fait que les activites d'extraction et d'analyse d'informations jusqu'alors laborieuses et complexes peuvent etre accomplies en tres peu de temps (en quelques secondes, et non plus en minutes, voire en heures). En outre, en utilisant le mecanisme (128) d'optimisation publicitaire de la presente invention, les societes commerciales, reseaux et agences de publicite peuvent creer, stocker, classer et comparer de facon interactive diverses strategies publicitaires proposees ou effectives, et ce, de maniere

simple et efficace. Cela permet aux decideurs d'adapter plus efficacement leurs efforts de commercialisation et d'atteindre avec succes le marche cible voulu tout en preservant un precieux capital publicite. Enfin, l'interface utilisateur (125) du systeme permet l'accès au DME (127) et au mecanisme d'optimisation de facon simple et directe, ce qui reduit dans une large mesure la periode d'apprentissage.

Main International Patent Class: **G06F-019/00**

Fulltext Availability:

Detailed Description

Detailed Description

... a measure for the value of an advertising campaign has been questioned.

If a media planner were to optimize a plan or schedule based on **total** reach using the **weighted** effective frequency method, then the Krugman curve with the spike at one exposure (see FIG. 24) would accurately describes this objective. Using this weighting, only when audience members are exposed to **advertisements** for the first time are the exposures included in the total exposure valuation. This is precisely the definition of I 0 reach. In other **words**, for a **weighted** effective frequency exposure valuation table similar to the table shown in FIG. 23 for optimizing a plan or schedule based on reach alone, the values...

32/5,K/12 (Item 10 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00400929 **Image available**

COMPUTER NETWORK AND METHOD FOR DETERMINING USER BEHAVIOUR

METHODE ET RESEAU INFORMATIQUES PERMETTANT DE DETERMINER LE COMPORTEMENT DES UTILISATEURS

Patent Applicant/Assignee:

FREEDOM OF INFORMATION INC,

Inventor(s):

GERACE Thomas A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9741673 A2 19971106

Application: WO 97US6767 19970422 (PCT/WO US9706767)

Priority Application: US 96634900 19960426

Designated States: CA IL AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: H04L-029/06

International Patent Class: **G06F-17:30**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 17417

English Abstract

Computer network method and apparatus provides targeting of appropriate audience based on psychographic or behavioral profiles of end users. The psychographic profile is formed by recording computer activity and viewing habits of the end user. Content of categories of interest and display format in each category are revealed by the psychographic profile, based on user viewing of agate information. Using the profile (with or without additional user demographics), advertisements are displayed to appropriately selected users. Based on regression analysis of recorded responses of a first set of users viewing the advertisements, the target user profile is refined. Viewing by and regression analysis of recorded responses of subsequent sets of users continually auto-targets and customizes ads for the optimal end user audience.

French Abstract

Methode et dispositif lies a un reseau informatique et permettant de cibler le public desire sur la base du profil psychographique ou comportemental des utilisateurs finaux. On obtient le profil psychographique de l'utilisateur final en enregistrant ses activites

informatiques et ses habitudes de visionnement. Le profil psychographique de l'utilisateur, fonde sur ses habitudes de visionnement des donnees de reference dites "agate", permet de reveler le contenu des categories qui l'interessent ainsi que le format de visualisation pour chaque categorie. En utilisant ledit profil (avec ou sans analyse demographique supplementaire) on adresse les messages publicitaires aux utilisateurs selectionnes de facon appropriee. Une analyse de regression des reactions enregistrees de la premiere categorie d'utilisateurs visionnant les messages publicitaires permet d'affiner le profil de l'utilisateur. Le visionnement et l'analyse de regression des reponses enregistrees des categories suivantes d'utilisateurs permettent de cibler automatiquement et de personnaliser de facon continue les messages publicitaires visant un public compose d'utilisateurs finaux desires.

International Patent Class: G06F-17:30

Fulltext Availability:

Detailed Description

Detailed Description

... the user selected an option which had stock data present in blue, for example, with moving graphical elements.

Also main routine 39 selects and includes

advertisements on the newly assembled page/screen view at server 27. Main routine 39 accomplishes that by W determining, for each **Ad** Package Object 33b, if the **advertisements** there are appropriate for the user and (ii) ranking all appropriate **advertisements**. To determine appropriateness, for each **ad** placed by a sponsor, the sponsor weights demographic and psychographic criteria by importance and identifies which terms are required. The sponsor then gives a minimum **total weight** required for a user to see the **ad** series. The weighted criteria and indications of

-2 9

required **terms** and minimum **total weight** are recorded in **Ad** Series Objects 33c (Fig. 5c).

To rank the advertisements determined to be appropriate, main routine 39 calculates
Rank #hjtspurchased #clickthruspurchased) 1 cost(
#hitsachievedH #clickthrusachleved t...

File 275:Gale Group Computer DB(TM) 1983-2002/Nov 20
 (c) 2002 The Gale Group
 File 47:Gale Group Magazine DB(TM) 1959-2002/Nov 19
 (c) 2002 The Gale group
 File 621:Gale Group New Prod.Annou.(R) 1985-2002/Nov 18
 (c) 2002 The Gale Group
 File 636:Gale Group Newsletter DB(TM) 1987-2002/Nov 20
 (c) 2002 The Gale Group
 File 16:Gale Group PROMT(R) 1990-2002/Nov 20
 (c) 2002 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 148:Gale Group Trade & Industry DB 1976-2002/Nov 19
 (c)2002 The Gale Group
 File 624:McGraw-Hill Publications 1985-2002/Nov 01
 (c) 2002 McGraw-Hill Co. Inc
 File 98:General Sci Abs/Full-Text 1984-2002/Oct
 (c) 2002 The HW Wilson Co.
 File 553:Wilson Bus. Abs. FullText 1982-2002/Oct
 (c) 2002 The HW Wilson Co
 File 88:Gale Group Business A.R.T.S. 1976-2002/Nov 18
 (c) 2002 The Gale Group
 File 15:ABI/Inform(R) 1971-2002/Nov 19
 (c) 2002 ProQuest Info&Learning
 File 635:Business Dateline(R) 1985-2002/Nov 19
 (c) 2002 ProQuest Info&Learning
 File 9:Business & Industry(R) Jul/1994-2002/Nov 19
 (c) 2002 Resp. DB Svcs.
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 647:CMP Computer Fulltext 1988-2002/Oct W4
 (c) 2002 CMP Media, LLC
 File 674:Computer News Fulltext 1989-2002/Nov W3
 (c) 2002 IDG Communications
 File 696:DIALOG Telecom. Newsletters 1995-2002/Nov 19
 (c) 2002 The Dialog Corp.
 File 369:New Scientist 1994-2002/Oct W3
 (c) 2002 Reed Business Information Ltd.
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 634:San Jose Mercury Jun 1985-2002/Nov 19
 (c) 2002 San Jose Mercury News
 File 370:Science 1996-1999/Jul W3
 (c) 1999 AAAS
 File 613:PR Newswire 1999-2002/Nov 20
 (c) 2002 PR Newswire Association Inc
 File 610:Business Wire 1999-2002/Nov 19
 (c) 2002 Business Wire.

Set	Items	Description
S1	9803772	WEIGH? OR INFLUENC? OR SCORE? ? OR GRADE? ? OR GRADING OR - RATE? ? OR RATING? ?
S2	9013066	WORD? ? OR KEYWORD? ? OR TERM? ? OR TERMINOLOG??? OR PHRAS- E? ? OR SENTENCE? ? OR EXPRESSION? ? OR STRING? ? (3N)CHARACTE- R? ?
S3	2229	S1(5N)S2(5N)POSITIV?(5N)NEGATIV?
S4	5103768	AD OR ADS OR ADVERTIS??? OR ADVERTISEMENT? ? OR PROMOTION?? OR BANNER? ?
S5	394238	S4(5N) (RELATE? ? OR RELATING OR RELATIONSHIP? ? OR ASSOCIA- T??? OR MATCH??? OR COMPARABLE OR CORRESPOND? OR CORRELAT? OR EQUAT? OR SUPPORT? OR MAP????)
S6	103712	S4(5N) (APPLICABL? OR CLOSEST OR PERTINENT OR RELEVANT OR R- ELEVANCE OR APPROPRIATE OR SUIT???? OR SIGNIFICANT OR SIGNIFI- CANCE OR IMPORTAN??)
S7	249305	S4(5N) (SEARCH? OR FIND??? OR LOCATE? ? OR LOCATING OR LOOK- ??? OR OBTAIN? OR QUERY??? OR QUERIE? ? OR RETRIEV? OR GET? ? OR GETTING)
S8	352360	S2(5N) (ADD?? OR ADDING OR ADDITION? ? OR SUM? ? OR SUMM???)

OR SUMMATION OR TOTAL? OR MULTIPLY??? OR MULTIPLIE? ? OR MULT-
 IPLICA?)
 S9 435677 S1(5N) (ADD?? OR ADDING OR ADDITION? ? OR SUM? ? OR SUMM???
 OR SUMMATION OR TOTAL? OR MULTIPLY??? OR MULTIPLIE? ? OR MULT-
 IPLICA?)
 S10 62 (WEIGH? OR SCORE? ?) (3N) (WORD? ? OR KEYWORD? ? OR TERM? ? -
 OR TERMINOLOG???) (3N) POSITIV? (3N) NEGATIV?
 S11 49 RD (unique items)
 S12 34 S11 NOT PY=2000:2002
 S13 330395 S1(5N) S2
 S14 81505 S2(5N) S4
 S15 1339 S13(S) S14
 S16 168 S5:S7(S) S15
 S17 120 RD (unique items)
 S18 87 S17 NOT PD>19990414
 S19 13 S18(S) (WEIGH? OR SCORE? ?)
 S20 243 S15(S) (INTERNET OR WEB???? OR ONLINE OR ON() LINE OR SERVER?
 ? OR NETWORK???)
 S21 147 RD (unique items)
 S22 79 S21 NOT PD>19990414

12/3,K/1 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

02219050 SUPPLIER NUMBER: 21136297 (USE FORMAT 7 OR 9 FOR FULL TEXT)
SquareSpot: Marketing Hype or Technology Breakthrough? (Creo's imaging technology) (Company Business and Marketing)
Tribute, Andrew
Seybold Report on Publishing Systems, v27, n23, pNA(1)
Sept 14, 1998
ISSN: 0736-7260 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 2294 LINE COUNT: 00176

The result of these modifications to the ink, described in **terms** of peripheral segment **weighting**, is either a **negative** or **positive** charge, causing the **weighted** segment to float to one side or the other. In operation on a printing press, the ink is designed to work with Creo's SQUAREspot...

12/3,K/2 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

01380377 SUPPLIER NUMBER: 09597659 (USE FORMAT 7 OR 9 FOR FULL TEXT)
SCISOR: extracting information from on-line news. (System for Conceptual Information Summarization, Organization and Retrieval) (Computing Practices)
Jacobs, Paul S.; Rau, Lisa F.
Communications of the ACM, v33, n11, p88(11)
Nov, 1990
ISSN: 0001-0782 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 5972 LINE COUNT: 00484

... outweigh this. In this example, the &&& indicates where the pattern will match some small number of intervening words. For example, a sentence that contained the **words** BUY FOREIGN DEBT OBLIGATION would match this pattern. The total **score** for a story is the sum of the **scores** for **positive** (confirming) patterns minus the sum of the **scores** for **negative** (refuting) patterns.

The most computation-intensive stage of the filter takes as input those stories that the previous stages could not definitely categorize and subjects...

12/3,K/3 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

01012786 SUPPLIER NUMBER: 00502590
Sifting Through Vendors' Proposals.
Simms, J.
Modern Office, v22, n5, p31
June, 1983
DOCUMENT TYPE: column ISSN: 0047-7737 LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

...ABSTRACT: checked to ensure that they are financially solvent as well as successful. Proposals should be well-prepared, with complete pricing information. An advisable way to **weigh** competing **word** processing systems is to list out the **positive** and **negative** aspects of each system.

12/3,K/4 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2002 The Gale group. All rts. reserv.

05390606 SUPPLIER NUMBER: 54783761 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Mammalian Transgenesis by Intracytoplasmic Sperm Injection.
Perry, Anthony C. F.; Wakayama, Teruhiko; Kishikawa, Hidefumi; Kasai,
Tsuyoshi; Okabe, Masaru; Toyoda, Yutaka; Yanagimachi, Ryuzo
Science, 284, 5417, 1180
May 14, 1999
ISSN: 0036-8075 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 4516 LINE COUNT: 00396

... These data are consistent with the results in Table 1. They indicate that embryos that contain GFP-negative cells are more likely to develop to **term** than those with cells that are all **positive**. Additionally, some pups **scored negative** are likely to have arisen from mosaic embryos that contained both GFP-positive and -negative cells at day 3.5 of culture. This implies a...

12/3,K/5 (Item 2 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2002 The Gale group. All rts. reserv.

04045942 SUPPLIER NUMBER: 15200016 (USE FORMAT 7 OR 9 FOR FULL TEXT)
An exercise in managing change. (includes related article)
De Meuse, Kenneth P.; McDaris, Kevin K.
Training & Development, v48, n2, p55(3)
Feb, 1994
ISSN: 1055-9760 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1535 LINE COUNT: 00129

... of -10. Neutral words have a value of zero. Individual scores can range from a low of -100 (if a person circled only all 10 **negative words**) to +100 (if a person circled only all 10 **positive words**). If a person circled all the **words**, the **positive** and **negative** values would cancel each other for a **score** of zero. (See "Scoring the R-T-C Inventory.")

Field results

The R-T-C Inventory has been tested with 224 employees in three organizations...

12/3,K/6 (Item 3 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2002 The Gale group. All rts. reserv.

03628600 SUPPLIER NUMBER: 11428165 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Bias against negative studies in newspaper reports of medical research.
Koren, Gideon; Klein, Naomi
JAMA, The Journal of the American Medical Association, v266, n13, p1824(3)
Oct 2, 1991
ISSN: 0098-7484 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2265 LINE COUNT: 00180

... reports covering both studies, the mean length of the positive reports was significantly longer than the mean length of the negative reports (354 [+ or -] 181 **words** vs 192 [+ or -] 178 **words**; $P = .04$). The mean quality **score** of the **positive** reports was significantly higher than that of the **negative** reports (10.1 [+ or -] 3.4 vs 5.9 [+ or -] 4.9; $P = .02$).

Conclusions.--The number, length, and quality of newspaper reports on the...

12/3,K/7 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

02272671 Supplier Number: 42970108 (USE FORMAT 7 FOR FULLTEXT)
Byerly's
Supermarket News, p36

May 4, 1992

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 304

... discount operators, they are involved with some food items, and in some categories they traditionally dilute supermarket sales.

But in our relationship with Target, the **positive** has out-weighed the **negative** in terms of generating traffic in the same shopping centers.

We look at anyone in the market as competition, and we handle each one according to the...

12/3,K/8 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2002 The Gale Group. All rts. reserv.

11745538 SUPPLIER NUMBER: 59359402 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Management Fashion: Lifecycles, Triggers, and Collective Learning Processes.

Abrahamson, Eric; Fairchild, Gregory

Administrative Science Quarterly, 44, 4, 708

Dec, 1999

ISSN: 0001-8392 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 16054 LINE COUNT: 01386

... the number of words in each category from the number of words in that category that would have been predicted given the total number of words that year. A **negative score** in the **positive** evaluation category, for instance, indicates that there were fewer positive evaluation words in that year than would have been forecasted from the total number of words that year, so that the discourse was not particularly positive that...

12/3,K/9 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2002 The Gale Group. All rts. reserv.

10889346 SUPPLIER NUMBER: 54157872 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Why does mother's schooling raise child health in developing countries?

Evidence from Morocco. (includes appendix)

Glewwe, Paul

Journal of Human Resources, 34, 1, 124(3)

Winter, 1999

ISSN: 0022-166X LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 12738 LINE COUNT: 01068

... distribution to the growth curves of a healthy population of children. A child with a z-score of zero is exactly at the median in terms of height for age, while children with **positive (negative) z-scores** are taller (shorter) than average. Low height for age z-scores indicate stunting due to repeated episodes of malnutrition over the life of the child...

12/3,K/10 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2002 The Gale Group. All rts. reserv.

09840055 SUPPLIER NUMBER: 19755537 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The exchange-rate risk exposure of asset returns.

Chow, Edward H.; Lee, Wayne Y.; Solt, Michael E.

Journal of Business, v70, n1, p105(19)

Jan, 1997

ISSN: 0021-9398 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 5686 LINE COUNT: 00465

... regressions, dividend yield and exchange exposure betas become more negative; term premium betas become more positive. In contrast, in the stock regressions, dividend yield and **term** premium betas become more **negative** for equal- **weighted** stocks but more **positive** for value-**weighted** stocks. Similarly, exchange exposure betas become more positive for equal-weighted stocks, but are unchanged for value-weighted stocks.

In table 2, the biases in...

12/3,K/11 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

09645801 SUPPLIER NUMBER: 17716572 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Speed limit and asymmetric inflation effects from the output gap in the major seven economies.

Turner, Dave

OECD Economic Studies, n24, p57(31)

Spring, 1995

ISSN: 0255-0822 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 8297 LINE COUNT: 00663

... is greater than) 0. (5)

= (GAP - (Delta)) if (GAP - (Delta)) (is less than) 0.

Thus (Delta) is calculated, dependent on n, to ensure that the **weighted** sum of **positive** and **negative** gap **terms** is zero (i.e. $(\text{Sigma})(f.\text{sub}.n)(\text{GAP}) = 0$, where (Sigma) denotes the sum over the entire sample period). For each country (f.sub...

12/3,K/12 (Item 5 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

08918944 SUPPLIER NUMBER: 18536007 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Merge/purge: it's not just a cleanser anymore. (direct marketing database management)

Egol, Len

Direct, v8, n7, p49(1)

June 1, 1996

ISSN: 1046-4174 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 948 LINE COUNT: 00079

... score by score - to confirm a match based on the company's objectives."

The "scorecard" can help the user decide what fields to compare and **score**, setting **positive** and **negative** cutoff values and determining how heavily to **weigh** each comparison.

In other **words**, plus-and-minus values are assigned to each scoring category; if the total positive score in comparing two records reaches your preset value, it's...

12/3,K/13 (Item 6 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

08415199 SUPPLIER NUMBER: 17792515 (USE FORMAT 7 OR 9 FOR FULL TEXT)
An exploratory and confirmatory factor-analytic investigation of item wording effects on the obtained factor structures of survey questionnaire measures.

Schriesheim, Chester A.; Eisenbach, Regina J.

Journal of Management, v21, n6, p1177(17)

Nov-Dec, 1995

ISSN: 0149-2063 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 7367 LINE COUNT: 00626

...ABSTRACT: assumptions that response biases can significantly weaken instrument validity, that reverse-scored items do not have significant adverse effects, and that the two types of **positively - scored** items and the two types of **negatively - scored** items are comparable in terms of psychometric quality. A study is conducted to examine the impact of item wording using scenarios depicting the behavior of a fictitious supervisor. It seeks...

12/3,K/14 (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

07239097 SUPPLIER NUMBER: 15135477 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Death knell or wake-up call? Heed message in bad reviews. (Editorial)
Nation's Restaurant News, v28, n15, p23(1)
April 11, 1994
DOCUMENT TYPE: Editorial ISSN: 0028-0518 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 835 LINE COUNT: 00062

... is much easier.

Although bad word of mouth from patrons is probably even more damaging than any single critique, there's something about the written word, its permanence and transportability, that makes the weight of a negative restaurant review heavier than the benefits from a positive review.

In most cases serious problems existed long before the reviewer arrived, and a review is just one factor in a restaurant's demise.

Still...

12/3,K/15 (Item 8 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

06414567 SUPPLIER NUMBER: 13469414 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Glucocorticoid exposure in utero: new model for adult hypertension.
Benediktsson, Rafn; Lindsay, Robert S.; Noble, June; Seckl, Jonathan R.;
Edwards, Christopher R.W.
Lancet, v341, n8841, p339(3)
Feb 6, 1993
ISSN: 0099-5355 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 472 LINE COUNT: 00095

...AUTHOR ABSTRACT: placental 11[beta]-hydroxysteroid dehydrogenase (11[beta]-OHSD), which converts physiological glucocorticoids to inactive products. We found that rat placental 11[beta]-OHSD activity correlated **positively** with term fetal weight and **negatively** with placental weight. Offspring of rats treated during pregnancy with dexamethasone (which is not metabolised by 11[beta]-OHSD) had lower birthweights and higher blood pressure when adult...

12/3,K/16 (Item 1 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2002 The HW Wilson Co. All rts. reserv.

04027893 H.W. WILSON RECORD NUMBER: BGSI99027893 (USE FORMAT 7 FOR FULLTEXT)
The independent contribution of bone and erythrocyte lead to urinary lead among middle-aged and elderly men: the normative aging study.
Tsaih, Shirng-Wern
Schwartz, Joel; Lee, Mei-Ling Ting
Environmental Health Perspectives (Environ Health Perspect) v. 107 no5 (May 1999) p. 391-6
SPECIAL FEATURES: bibl il ISSN: 0091-6765
LANGUAGE: English

COUNTRY OF PUBLICATION: United States
WORD COUNT: 7263

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... EPb than was CBoPb. UPb was positively correlated with CCr, probably because the amount of lead excreted into urine is modified by renal function. Body **weight** was **negatively** correlated with TBoPb and CBoPb and was **positively** correlated with CCr and UPb.

Neither a linear **term** nor a smooth function of age was a significant predictor of UPb. Moreover, the model fit was the same with or without age. Age was...

12/3,K/17 (Item 1 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2002 The Gale Group. All rts. reserv.

05444059 SUPPLIER NUMBER: 62691250
Competitive Cities in Europe.
Lever, William F.
Urban Studies, 1029
May, 1999
ISSN: 0042-0980 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 6673 LINE COUNT: 00734

... as Cheshire et al. (1986) have ranked large numbers of west European cities in terms of their competitive success. Table 1 indicates the rankings in **terms** of a problem **score** (i.e. a **negative** problem **score** represents competitive success: a **positive** problem **score** represents competitive failure). The model is said to be acausal because it does not offer explanations of why a city is competitive or uncompetitive. It...

12/3,K/18 (Item 2 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2002 The Gale Group. All rts. reserv.

05045499 SUPPLIER NUMBER: 54133453
Correlates of suicide ideation in high school students: the importance of depression.
Man, A.F. de
Journal of Genetic Psychology, 160, 1, 105(1)
March, 1999
ISSN: 0022-1325 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 4329 LINE COUNT: 00364

... a positive score, a negative score, and a total change score. However, because Sarason et al. (1978) noted that stress is most accurately conceptualized in **terms** of **negative** life changes rather than **positive** ones, I restricted the present study to the **negative** stress **scores**. High **scores** indicate high negative stress.

Social support for the English participants was measured via the Social Support Questionnaire (De Man, Balkou, & Iglesias, 1987; Sarason, Levine, Basham...

12/3,K/19 (Item 3 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2002 The Gale Group. All rts. reserv.

05018639 SUPPLIER NUMBER: 53870332
Estimating effects of limiting factors with regression quantiles.
Cade, Brian S.; Terrell, James W.; Schroeder, Richard L.
Ecology, 80, 1, 311(1)
Jan, 1999

ISSN: 0012-9658 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 9642 LINE COUNT: 00816

... provide insight on response patterns.
Estimates, $b((\tau))$, of $(\beta)((\tau))$ are obtained by minimizing an asymmetric loss function of absolute values of residuals where **positive** residuals are given **weights** equal to and **negative** residuals are given **weight** equal to $1 - (\tau)$ (mathematical details are in the Appendix). The **term** $v(X)$ does not have to be estimated explicitly because it is automatically incorporated in $b((\tau))$. A (τ) th regression quantile with p estimated...

12/3,K/20 (Item 4 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2002 The Gale Group. All rts. reserv.

04967450 SUPPLIER NUMBER: 21250386
Contesting the transition to old age in Japan.
Traphagan, John W.
Ethnology, v37, n4, p333(18)
Fall, 1998
ISSN: 0014-1828 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 9567 LINE COUNT: 00750

... old. Nenchosha does not directly index old age, rather pointing to a senior in years.
The responses to these questions were compared by generating a **score** for each **term** **weighted** on a scale of **positive** and **negative** connotation. The data were coded so that -1 represents a negative response, 1 represents a positive response, and 0 represents a neutral response.
Table 2...

12/3,K/21 (Item 5 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2002 The Gale Group. All rts. reserv.

04894144 SUPPLIER NUMBER: 21093388
Are smaller weight losses or more achievable weight loss goals better in the long term for obese patients?
Jeffery, Robert W.; Wing, Rena R.; Mayer, Randall R.
Journal of Consulting and Clinical Psychology, v66, n4, p641(5)
August, 1998
ISSN: 0022-006X LANGUAGE: English RECORD TYPE: Abstract

...AUTHOR ABSTRACT: psychological well-being were examined at 30 months in 69 men and 61 women initially treated with behavior therapy as a function of (a) initial **weight** loss and (b) **weight** -loss goals. Initial **weight** losses were **positively**, not **negatively**, related to **weight** loss at 30 months. **Weight** loss goals did not predict short- **term** or long-term weight loss. People who reached weight goals had better long-term weight losses than those who did not, but this finding was...

12/3,K/22 (Item 6 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2002 The Gale Group. All rts. reserv.

04726807 SUPPLIER NUMBER: 19806629
Testing coercive explanations for order: the determinants of law enforcement strength over time.
Jacobs, David; Helms, Ronald E.
Social Forces, v75, n4, p1361(32)
June, 1997
ISSN: 0037-7732 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 13983 LINE COUNT: 01179

... is most sensitive to the presence of the rich invariably explains shifts in police strength in these equations. Because the coefficients on the untransformed inequality **scores** are **positive**, but the coefficients on the squared **term** are **negative**, the results suggest that the relationship between this kind of inequality and police strength is equivalent to that found between the crime rates and law...

12/3,K/23 (Item 7 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2002 The Gale Group. All rts. reserv.

04681243 SUPPLIER NUMBER: 20413427
A neuropsychological study of prefrontal lobe function in the positive and negative subtypes of schizophrenia.
Mattson, Daniel T.; Berk, Michael; Lucas, Marilyn D.
Journal of Genetic Psychology, v158, n4, p487(8)
Dec, 1997
ISSN: 0022-1325 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3090 LINE COUNT: 00286

... showed both verbal and nonverbal memory deficits for novel material, and they showed psychomotor retardation for the more complex subtests of the Stroop Color and **Word** Test and the Trail Making Test.

TABLE 1

Mean	Scores of Negative Symptom and		Positive Symptom Groups	
	Negative		Positive	
	symptom group		symptom group	
Test variable	M	SD	M	SD
RAVLT				
Total words recalled:				
Trials 1-5	37.75	10.03	41.40	11.45...

12/3,K/24 (Item 8 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2002 The Gale Group. All rts. reserv.

04152676 SUPPLIER NUMBER: 17779306
A neural network simulation of hallucinated "voices" and associated speech perception impairments in schizophrenic patients.
Hoffman, Ralph E.; Rapaport, Jill; Ameli, Rezvan; McGlashan, Thomas H.; Harcherik, Diane; Servan-Schreiber, David
Journal of Cognitive Neuroscience, p479(18)
Fall, 1995
ISSN: 0898-929X LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 11272 LINE COUNT: 00995

... 1.5, nonhallucinator mean (+ or -)SD = 5.0 (+ or -) 1.2, $t(29) = 3.62$, $P < 0.005$). These data strongly suggest that the impaired **word** sensitivity **scores** of hallucinators were not a reflection of "**positive** symptoms" in general. **Negative** symptoms were examined by combining "emotional withdrawal" (item #3), "motor retardation" (item #13), and "blunted affect" (item #16) into a composite negative symptom score as...

12/3,K/25 (Item 9 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2002 The Gale Group. All rts. reserv.

04073514 SUPPLIER NUMBER: 18805356
Gender and family factors as predictors of late adolescent emotional expressiveness and adjustment: a longitudinal study.
Bronstein, Phyllis; Briones, Maria; Brooks, Teri; Cowan, Brookes
Sex Roles: A Journal of Research, v34, n11-12, p739(27)
June, 1996
ISSN: 0360-0025 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 10831 LINE COUNT: 00890

... and Positive, or that were both Expressive and Negative) were available. We therefore created a new variable, Nonnegative Expressiveness, as one would compute an interaction **term** for a regression equation. This was done by totalling the **scores** for all acts not coded as **Negative** on the **Positive / Negative** dimension (i.e., the **scores** for **Positive** and **Neutral**), and then multiplying this total by the scores for Expressive. The formula for calculating mothers', fathers', and children's Non-negative Expressiveness was...

12/3,K/26 (Item 10 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2002 The Gale Group. All rts. reserv.

03498531 SUPPLIER NUMBER: 16379476
A president out of work: a note on the political economy of presidential approval in the Bush years.

Clarke, Harold D.; Rapkin, Jonathan; Stewart, Marianne C.
British Journal of Political Science, v24, n4, p535(14)
Oct, 1994

ISSN: 0007-1234 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 5946 LINE COUNT: 00546

... during 1990. Their subsequent recovery was anaemic, with one of them remaining below 100 for all but one month during the 1991-92 period. Long- **term** SC forecasts (over five years) were even more gloomy. Indeed, **negative** appraisals (index **scores** below 100) exceeded **positive** ones (index **scores** above 100) for all but two months of Bush's presidency -- and they peaked during his very first month in office. As for personal economic...

12/3,K/27 (Item 11 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2002 The Gale Group. All rts. reserv.

03218182 SUPPLIER NUMBER: 14777763
Correlates of suicidal ideation in French-Canadian adolescents: personal variables, stress, and social support.

Man, Anton F. de; Leduc, Charles P.; Labreche-Gauthier, Lise
Adolescence, v28, n112, p819(12)
Winter, 1993

ISSN: 0001-8449 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 4498 LINE COUNT: 00392

... experienced during the preceding year, and to rate the influence of these events on their lives at the time of occurrence. The survey produces a **positive**, **negative**, and total change **score**. Because life stress is most accurately conceptualized in **terms** of **negative** rather than **positive** changes (Sarason, Johnson, & Siegel, 1978), only **negative** change **scores** were used in the analysis.

Parental control was assessed with the Autonomy-Control Scale (De Man et al., 1991), which consists of 30 statements representing...

12/3,K/28 (Item 12 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2002 The Gale Group. All rts. reserv.

03200092 SUPPLIER NUMBER: 14363001
The influence of expectancy in subliminal perception experiments.

Benoit, Stephen C.; Thomas, Roger L.
The Journal of General Psychology, v120, n4, p335(7)
Oct, 1993

ISSN: 0022-1309 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2430 LINE COUNT: 00207

... 14 negative mood adjectives (e.g., sad, depressed, lonely, burdened). The subjects assigned each word a value from 1 to 6, depending how accurately the word portrayed the subjects' current mood. The values assigned to the **positive** and **negative** adjectives were summed separately, and then the **negative score** was subtracted from the **positive score** to yield a single mood **score** for each subject. Two versions of the scale, which consisted of synonymous adjectives, were counterbalanced for use as pre- and post-manipulation measurements.

Design

We...

12/3,K/29 (Item 13 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2002 The Gale Group. All rts. reserv.

03183795 SUPPLIER NUMBER: 13796915

Effects of emotion on perceptual asymmetry in adolescent inpatients with attention-deficit hyperactivity disorder.

Becker, Daniel F.; Doane, Jeri A.; Wexler, Bruce E.

Journal of the American Academy of Child and Adolescent Psychiatry, v32, n2, p318(4)

March, 1993

ISSN: 0890-8567

LANGUAGE: English

RECORD TYPE: Abstract

...AUTHOR ABSTRACT: emotionally neutral (e.g., ton). This procedure allowed for the comparison of subjects' PA under the following conditions: (1) a neutral emotional condition (using neutral words paired with neutral words), (2) a **positive** emotional condition (using **positive words** paired with neutral words), (3) a **negative** emotional condition (using **negative words** paired with neutral words), and (4) a mixed **positive** and **negative** condition (using **positive words** paired with **negative words**). The investigators found that subjects had greater REA scores when presented with pairs containing a positive word. These findings are consistent with the hypothesis that normal persons experience enhanced information processing within the left...

12/3,K/30 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

02332063 86067024

Research note: theoretical optimisation of IT/IS investments

Sharif, Amir M; Irani, Zahir

Logistics Information Management v12n1/2 PP: 189-196 1999

ISSN: 0957-6053 JRNL CODE: LIM

WORD COUNT: 4947

...TEXT: Mentezemi and Conrath, 1986). Instead, the associative nature of an FCM allows localised parameters to be attributed with fuzzy/vague quantifiers in the form of **words** or numerical **weights**. The **positive** (+) and **negative** (-) signs which connect each fuzzy concept denote causal relationships in terms of descriptors, which in this case mean "has greater effect on" and "has lesser..."

12/3,K/31 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01644163 02-95152

Measuring the knower: Towards a theory of knowledge equity

Glazer, Rashi

California Management Review v40n3 PP: 175-194 Spring 1998

ISSN: 0008-1256 JRNL CODE: CMR

WORD COUNT: 7964

...TEXT: but the more interesting cases involve higher-order cognitive activities. Staying within the realm of preference judgments, for example, it has been shown that the **negative** properties of stimuli tend to be **weighted** more heavily than the **positive** ones. Consequently, whether a problem is framed in **terms** of gains or losses often has a dramatic effect on the interpretation or meaning given. Thus, if asked to decide between two "positive gambles"-A...

12/3,K/32 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01436259 00-87246

Evaluating the management of interpersonal conflict in organizations: A factor-analytic study of outcome criteria

Meyer, John P; Gemmell, Joanne M; Irving, P Gregory

Canadian Journal of Administrative Sciences v14n1 PP: 1-13 Mar 1997

ISSN: 0825-0383 JRNL CODE: CJA

WORD COUNT: 7286

...TEXT: avoid disruption than to lead to a permanent solution. The only strategy other than structural change that had a positive score, indicating a greater long- **term** than short- **term** focus, was mediation. Although **positive** , the **score** was low. All of the remaining strategies had **negative** , albeit quite low, scores on this factor. As noted earlier, it is not clear whether low scores reflect a belief that both or neither of...

12/3,K/33 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

00645957 92-60897

Emerging Critical Success Factors in Marketing to the Smaller Business: Issues and Trends from the US Market

File, Karen Maru; Prince, Russ Alan

International Journal of Bank Marketing v10n5 PP: 19-25 1992

ISSN: 0265-2323 JRNL CODE: IJB

WORD COUNT: 4468

...TEXT: a committee with members from various functional areas. Decisions are well researched, the new buying process is protracted and because of the resident expertise, external **positive** or **negative** word of mouth is not always given great **weight** in the decision.

In contrast, in SMEs the buying centre is typically small, often including only the owner and immediate management colleagues. The buying process...

12/3,K/34 (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00309847 86-10261

Juror Underutilization of Eyewitness Nonidentifications: Theoretical and Practical Implications

McAllister, Hunter A.; Bregman, Norman J.

Journal of Applied Psychology v71n1 PP: 168-170 Feb 1986

ISSN: 0021-9010 JRNL CODE: JAP

...ABSTRACT: Results indicate that nonidentification had less impact on perceptions of guilt than identification for both eyewitness testimony and fingerprint evidence. Results may be explained in **terms** of the general tendency for **negative** information to carry greater **weight** than **positive** information. ...

22/3,K/1 (Item 1 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

(c) 2002 The Gale Group. All rts. reserv.

02117554 SUPPLIER NUMBER: 19951858 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Business model for NBC's InterCast still in flux. (PC-TV programming lacks advertising agreements) (Company Business and Marketing)

Multimedia Entertainment & Technology Report, v6, n39, p5(1)

Oct 24, 1997

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 582 LINE COUNT: 00049

... to 10-year incubation period for these technologies."

Advertising Model Will Mirror Web

Hougham said InterCast's advertising model will likely mirror that of the **Web** in **terms** of **advertising rates**. Eventually, the service also could be used to deliver software electronically while computers sit idle overnight.

However, Hougham added that InterCast may develop subscription as...

22/3,K/2 (Item 2 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

(c) 2002 The Gale Group. All rts. reserv.

02021174 SUPPLIER NUMBER: 18909779 (USE FORMAT 7 OR 9 FOR FULL TEXT)

All rise for the Web banner. (Internet/Web/Online Service Information)

Monnens, Neil

Marketing Computers, v16, n11, p51(2)

Dec, 1996

ISSN: 0895-5697 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 968 LINE COUNT: 00079

... are understood: Since they generally appear at the top of a page, the lines between church and state are clear. Although some marketers view the **web** as a new arena ripe for innovative advertising opportunities, ad banners preserve editorial integrity. Whether or not marketers want to believe it, editorial credibility contributes...

...is clicked, the user is asking for more information. The advertiser shouldn't want it any other way. Any banner can get a high click **rate** --just put one of three **words** in the **banner**: "free," "sex" or "money" But banners offering specific messages enhance an advertiser's ability to attract serious prospects.

No doubt the web will foster other...

22/3,K/3 (Item 1 from file: 47)

DIALOG(R) File 47:Gale Group Magazine DB(TM)

(c) 2002 The Gale group. All rts. reserv.

04558702 SUPPLIER NUMBER: 18518003

Olympic myths: the most celebrated false information about sport is that the Olympics in ancient times were an amateur affair.

Grenier, Richard

National Review, v48, n14, p42(1)

July 29, 1996

ISSN: 0028-0038 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1750 LINE COUNT: 00137

... politics never entirely subverted Baron de Coubertin's ideal. Not even Hitler could do that. Where politics failed, however, commercialism has succeeded.

The American TV **networks** first became impressed with the public response to the Squaw Valley Winter Olympics in 1960, and later that year the Rome Summer Olympics were telecast throughout the industrialized world. This was a turning point. Public interest in the Games could now be given a monetary value in **terms** of **advertising rates**, and sports stars,

properly compensated, could become highly visible international sales representatives for the sporting-goods industry. The Olympic Games thus became closely intertwined with...

22/3,K/4 (Item 2 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2002 The Gale group. All rts. reserv.

03334610 SUPPLIER NUMBER: 18012827
Five top funds that have a golden touch . (mutual funds)
Brush, Michael
Money, v25, n3, p93(1)
March, 1996
ISSN: 0149-4953 LANGUAGE: English RECORD TYPE: Abstract

Five top funds that have a golden touch . (mutual funds)

22/3,K/5 (Item 3 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2002 The Gale group. All rts. reserv.

03151364 SUPPLIER NUMBER: 06497544 (USE FORMAT 7 OR 9 FOR FULL TEXT)
How to find a job online.
Van Camp, Ann J.
Online, v12, n4, p26(7)
July, 1988
CODEN: ONLID ISSN: 0146-5422 LANGUAGE: ENGLISH RECORD TYPE:
FULLTEXT
WORD COUNT: 3259 LINE COUNT: 00275

... one of the 52 standard occupational preferences.
Fees for advertising are on a sliding scale based on salary requirements or student status. Resumes are kept **online** for six months and can be renewed. Members of the American Chemical Society use this as a member service and get a reduced **advertising rate** .
Words are free-text searchable using standard DIALOG search techniques. The database contains between 3,000 and 10,000 resumes depending on time of year. Searches...

22/3,K/6 (Item 4 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2002 The Gale group. All rts. reserv.

02670630 SUPPLIER NUMBER: 03778649 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Case studies: linking personal computing to business strategy. (Special Advertising Supplement)
Forbes, v135, p70(9)
May 20, 1985
CODEN: FORBA ISSN: 0015-6914 LANGUAGE: ENGLISH RECORD TYPE:
FULLTEXT
WORD COUNT: 3324 LINE COUNT: 00262

... the current and projected number of users anticipated, as well as performance issues, should be factored in. LAN performance can be misleading. Most LANs are **advertised** in **terms** of their data **rates** , or the speed at which packets of information travel across the **network** . However, it is the throughput, or the rate at which data can be transmitted from one computer's disks into another's, that counts. No matter how fast the **network** is, throughput is bound by how fast personal computers can absorb it. The best throughput that can be expected with the IBM PC is about 1 Mbps. Most **networks** achieve no more than half this figure. Better **network** software and file **servers** with high-speed file access will improve **network** performance.

One last consideration when looking for a LAN: Someone is going to have to administer it. Effectively, putting personal computers on a LAN

turns...

22/3,K/7 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2002 The Gale Group. All rts. reserv.

01454376 Supplier Number: 46891692 (USE FORMAT 7 FOR FULLTEXT)
**Mercury Mail Hits 300,000 Subscriptions; Company Sends Up to 500,000 Custom
E-Mails Daily, 15 Million Per Month**
PR Newswire, pl114LATH034
Nov 14, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 267

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...reached a subscription base of 300,000 and is on course to hit 500,000
by the end of 1996. Company officials attribute this growth **rate** to **word**
of mouth, an aggressive **online advertising** program and its Netscape
Inbox Direct(TM) partnership.

22/3,K/8 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

03919450 Supplier Number: 50148774 (USE FORMAT 7 FOR FULLTEXT)
-CRTC: Telecom Decision CRTC 98-9 (Part 2 of 2)
M2 Presswire, pN/A
July 10, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 3878

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...services is competitive, and that competition has been introduced into
the market for cable services. Further, incumbent cable companies do not
have market power in **terms** of **advertising** vehicles and, in the
Commission's view, consumers are generally aware that there are competing
ISPs and emerging competitors for cable. The Commission is therefore...

...Act. 46. The Commission notes CADVision's submission, made in respect of
Shaw, to the effect that Shaw's ownership of advertising media and fibre
networks, as well as Shaw's relationships with its customers are sources
of market power. The question of whether Shaw derives an undue advantage
from its...
...that it is important to retain subsections 27(2) and 27(4) of the Act in
regard to issues related to access to the underlying **network** components
of the services forborne from in this proceeding. The Commission is further
of the view that retaining these subsections will provide an additional
safeguard...area, it has not yet been concluded. 62. Generally, the cable
industry and Stentor submitted that forbearance, not tariffing, is
appropriate with respect to the **rates** and other **terms** on which access
to underlying telecommunications facilities is provided. ISPs and certain
other parties submitted that access should be made available on a tariffed
basis...

...switched voice grade services to access their ISP. 64. For the purpose
of this Decision, "access services" refer to services which connect
customers to a **network** through which they may reach the service provider
of their choice. The Commission considers that there are two markets for
access services: the lower and...

...Lower speed access" allows for data access using a voice grade line
(currently, up to 56 Kbps capability) and various modem technologies.

Integrated services digital **network** (ISDN) services provide capacity in 64 Kbps increments, and each increment can be used individually for voice or data, or grouped to achieve higher speeds...market power with respect to higher speed access services, and that this market is not yet sufficiently competitive to justify forbearance with respect to the **rates** and **terms** on which these carriers provide higher speed access services. 76. Moreover, the Commission considers that a potential increase in competitive supply should not be accepted...

...access services provided by a broadcast carrier which is an incumbent cable company or an incumbent telephone company, that it is appropriate to tariff the **rates** and other **terms** on which such services are provided, once the carrier has the ability to provide such access in respect of competitive service providers. Broadcast carriers which...

...Commission notes that it will therefore retain, amongst other powers, its powers under subsection 27(2) of the Act to deal with issues relating to **network** access. The Commission declares, pursuant to subsection 34(4) of the Act, that sections 25, 27, 29 and 31 do not apply, to the extent... 85. The Commission agrees with the submission of the CNA that carriers should not grant an undue preference to themselves in providing navigation through the **Internet** or in providing gateways through which customers can gain access to remote databases and **networks**. 86. Certain parties requested that the Commission require resale of access. With respect to CAIP's request that its members be permitted to resell cable... ...PN 98-14. 88. With respect to the submission of Interlog that cable carriers should be required to make sufficient technical disclosure, including terminal to **network** interface, in order that third parties may provide competing ISs (in accordance with Telecom Letter Decision CRTC 94-11), the Commission agrees that this issue...

22/3,K/9 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

03745705 Supplier Number: 48098547 (USE FORMAT 7 FOR FULLTEXT)
MARKETING STRATEGIES: WORKING ON THE RAILROAD: DLJDIRECT WOOS COMMUTERS
Financial Net News, v2, n43, pN/A
Nov 3, 1997
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 283

... started a \$20 million marketing campaign which includes full-page spreads in The Wall Street Journal and Barron's - DLJ is also advertising on their **Web** sites - and Investor's Business Daily. In November, print advertisements will begin running in magazines such as Time, Newsweek, SmartMoney, Fortune, and Forbes, Derrick said. DLJ is also blanketing the **Internet** with **Web** banner advertisements on sites including Data Broadcasting Corp., The PointCast **Network**, and Quote.com. Unlike many of its competitors, the firm does not measure **banner** ad success in **terms** of click through **rates**, Derrick said. DLJdirect gauges success by account sign-up, she explained. The firm has a tracking mechanism on its site (www.dljdirect.com) that allows...

22/3,K/10 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

03529702 Supplier Number: 47292477 (USE FORMAT 7 FOR FULLTEXT)
Online MergerWouldn't Hike Rates
Internet Week, v3, n15, pN/A
April 14, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 245

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

If America Online Inc. buys CompuServe Corp. the combined online service might produce a stronger online sell with greater reach. But some discount notions that it would produce a near-term upward spike in online advertising rates, sister publication Interactive Marketing News reports.

22/3,K/11 (Item 4 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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03528451 Supplier Number: 47288919 (USE FORMAT 7 FOR FULLTEXT)

AOL/COMPUSERVE MERGER COULD ADD GREATER ADVERTISING REACH

Multimedia Wire, v4, n71, pN/A

April 11, 1997

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 247

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

If AOL buys CompuServe, the combined online service might produce a stronger online sell with greater reach. But Internet experts discount notions that it would produce a near-term upward spike in online advertising rates, sister publication Interactive Marketing News reports.

22/3,K/12 (Item 5 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2002 The Gale Group. All rts. reserv.

03528066 Supplier Number: 47288496 (USE FORMAT 7 FOR FULLTEXT)

ONLINE AD-RATE SPIKE DEEMED UNLIKELY IF COMMERCIAL SERVICES UNITE

Interactive Marketing News, v4, n15, pN/A

April 11, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 610

But, while a combined AOL/CRSV might produce a stronger online sell with greater reach, Internet experts discount notions that it would produce a near-term upward spike in online advertising rates. However, this good news (for marketers, anyway) is rooted in one of interactive marketing's nagging weaknesses: insufficient demand for excessive online inventory.

"Joining the two companies would just mean a bigger online service," says Jay Sears, VP/marketing at Wolff New Media (<http://www.ypn.com...>)

22/3,K/13 (Item 6 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2002 The Gale Group. All rts. reserv.

02823320 Supplier Number: 45726101 (USE FORMAT 7 FOR FULLTEXT)

Network World Readies Network World Fusion, Continues Ad Page Drive,

TA Report, v11, n15, pN/A

August 14, 1995

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 217

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

In addition to its weekly tabloid version, Network World (IDG

Communications) will soon offer another advertising venue through a new **online** venture, " **Network** World Fusion." **Network** World Fusion will be the **online** extension of **Network** World's editorial product and will sell advertising through electronic billboards and banners, vice president and associate publisher Evilee Thibeault told TAR. **Network** World Fusion defines a billboard position as an ad with five linked **Web** pages, while a banner position is a spread plus 10 linked **Web** pages. Regular advertisers in **Network** World are being offered reduced **ad rates** for **Network** Word Fusion. To qualify, **advertisers** must have placed three junior-sized ads or larger in the publication within the past year. **Network** World Fusion will launch at NetWorld+Interop in September, Thibeault said. To drum up support for the **online** product, **Network** World created a charter program through which advertisers will receive three months worth of free of ad space on **Network** World Fusion in exchange for running ads in a Sept. 11 **Network** World supplement, "Capitalizing on the **Internet**," she added. The supplement will go to the entire **Network** World circulation of 150,100. The one-time black & white rate in the supplement is \$19,980. So far, **Network** World Fusion has attracted 18 sponsors through the charter program, Thibeault told TAR.

22/3,K/14 (Item 7 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

02764343 Supplier Number: 45609769 (USE FORMAT 7 FOR FULLTEXT)
MSN's Promise To IPs: No Less Than 70% of Online Revenues
Electronic Information Report, v16, n22, pN/A
June 16, 1995
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 641

In broad strokes, MSN's content-provider deals shun the traditional connect-time revenue model for one largely based on **online** transactions and advertising. Content providers' 70%-80% share of revenues will be derived specifically from information downloading. Marketers whose businesses rely on **online** transactions of tangible items, such as computers, clothing, books, consumer electronics and flowers, will be given distinct revenue splits depending on their products. MSN officials were reluctant to disclose the specifics of those contract **terms** or **advertising rates**.

MSN's model contrasts sharply with connect-time business models now offered by services such as America Online. In AOL's model, for instance, all...

22/3,K/15 (Item 8 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

02564658 Supplier Number: 45176729 (USE FORMAT 7 FOR FULLTEXT)
COMPUTERISED AID FOR ITV NETWORK SCHEDULING
Screen Digest, pN/A
Dec, 1994
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 107

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Regionally-based UK broadcast **network** ITV is deploying computer system to determine most effective programming schedule both in **terms** of **ratings** and **advertising** revenues. Dubbed the Evaluator, system is capable of predicting both size and demographic profile for given programmes in specific time slots.

22/3,K/16 (Item 9 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

02089684 Supplier Number: 43855236 (USE FORMAT 7 FOR FULLTEXT)

MARKEY VIOLENCE RATINGS

Television Digest, v33, n21, pN/A
May 24, 1993

Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 435

... by extent of violence, and then to publish "Television Violence Report Card." Commission would have to: (1) Sample week of prime-time and Sat. morning **network** and cable programming each quarter. (2) Publish results 4 times annually. (3) **Rate** program sponsors in **terms** of extent to which they **advertise** on programs that contain violence. Bills would mandate that at least one of those weeks be during sweeps.

Dorgan and Durbin said in joint statement...

22/3,K/17 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06209676 Supplier Number: 54171396 (USE FORMAT 7 FOR FULLTEXT)

CABLE NETWORKS APPLY LATIN LESSONS TO U.S.

DONOHUE, STEVE

Electronic Media, p3(1)

March 15, 1999

Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 991

... the power of the Hispanic audience.

"When I had stations in Miami and New York, they [top Spanish broadcasters] were kicking my rear end in **terms** of **ratings** and **advertising**," he recalled. The U.S. cable **networks** ' model for launching in Latin America during the last decade has followed a three-pronged approach: sell individual shows; launch a branded block on a local channel to get the word out; and deploy a dedicated **network** when the market is ready.

Similar strategies at Nick, Discovery

Nickelodeon and Discovery are following a similar strategy domestically. Both networks sold blocks of programming...

22/3,K/18 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06181309 Supplier Number: 54058741 (USE FORMAT 7 FOR FULLTEXT)

BANNER AD AVOIDANCE. (online advertising)

Thompson, David R.

Editor & Publisher, v132, n7, p54(1)

Feb 13, 1999

Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Academic
Word Count: 706

Creative advertisers have invented an effective method for reaching **online** readers who avoid banner ads: the trick **banner**. In the short **term**, trick **banners** increase click-through rates. But in the long **term**, trick **banners** train readers to avoid interaction with **online** advertising.

ONLINE READERS ARE TURNED OFF BY TRICK BANNER ADS THAT FOOL USERS INTO VISITING ADVERTISERS' WEB SITES

I know. I've been victimized by...

22/3,K/19 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

05639581 Supplier Number: 50082691
WB, Fox networks favored by early ad buyers.
Lieberman, David; Wells, Melanie
USA Today, v16, n187, pB1
June 8, 1998
Language: English Record Type: Abstract
Article Type: Article
Document Type: Newspaper; Trade

ABSTRACT:

The Warner Brothers (WB) and Fox **networks** are reportedly leading others in **terms of advertising** sales for TV's forthcoming prime-time season enders. In **terms of rate** increases, WB led others with a 12% increase in ad rates, while Fox's grew its prices by 8%. Meanwhile, NBC is said to have...

22/3,K/20 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

05370149 Supplier Number: 48166436 (USE FORMAT 7 FOR FULLTEXT)
Myers Most Bullish on Cable, Internet Ads
Forkan, Jim
Multichannel News, p162
Dec 8, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 510

... to expect 'a slight downturn' in ad spending for the 1998 first quarter, Myers said he is 'extremely bullish' over the long term.

The TV **networks** will continue to see ad-spending gains - up 6.6 percent annually to \$23.2 billion in 2005 - but ongoing audience erosion will cause their share of national spending to slip nearly six points to a 20 percent share by the middle of the next decade, he said. Cable **networks**, meanwhile, will soar at a 17.2 percent annual rate to \$18.5 billion in 2005, by which time they will have achieved parity with the TV **networks** in **terms of advertising rates** and audience reach, Myers predicted.

Spot TV will drop 'most precipitously' in terms of ad spending share among the major media - from nearly 20 percent...

22/3,K/21 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

04708614 Supplier Number: 46930822 (USE FORMAT 7 FOR FULLTEXT)
All Rise for the Web Banner
Marketing Computers, p51
Dec, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 922

... are understood: Since they generally appear at the top of a page, the lines between church and state are clear. Although some marketers view the **web** as a new arena ripe for innovative advertising opportunities, ad banners preserve editorial integrity. Whether or not marketers want to believe it, editorial credibility contributes...

...is clicked, the user is asking for more information. The advertiser

shouldn't want it any other way. Any banner can get a high click **rate** - just put one of three **words** in the **banner** : 'free;' 'sex' or 'money.' But banners offering specific messages enhance an advertiser's ability to attract serious prospects.

No doubt the web will foster other...

22/3,K/22 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

04613105 Supplier Number: 46785850 (USE FORMAT 7 FOR FULLTEXT)
I/PRO and DoubleClick Comprehensive Study Analyzes Ad Banner Impressions
PR Newswire, p1008SFTU020
Oct 8, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1073

... a whole host of new findings.

This report identifies areas where ad banners can elevate the potential of successful clicks. These areas include: average response **rates** ; differences between response rates; long- **term** trends of **ad banners** ; leveraging the **Web** 's strengths; when and where to place ad banners; and justifying **online** advertising expenditures.

"Ad banner response is one metric used to measure and evaluate the performance of ads," said Bob Ivins, I/Pro's VP of...

22/3,K/23 (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

04399001 Supplier Number: 46453190 (USE FORMAT 7 FOR FULLTEXT)
Tracking Net traffic
Crain's Chicago Business, p15
June 10, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; Trade
Word Count: 1433

... medium and it doesn't lend itself to many of the traditional ways we measure media. It's much more of a frontier.'

Indeed, the **Internet** is coining its own language of usage - hits, clicks, page impressions, visits, click-throughs. **Web** -site publishers may understand the new lingo, but it can baffle **advertisers** grounded in the **terminology** of print circulation and broadcast **ratings** .

'Nobody is quite sure what is being promised and what is being delivered,' explains Hunter Madsen, senior partner and director of Internet operations for ad...

22/3,K/24 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

04090083 Supplier Number: 45960079
Cable is on the grow
Broadcasting & Cable, p64
Nov 27, 1995
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:

The cable industry is growing rapidly in **terms** of revenue, distribution, **ratings** and **advertising** but industry players must work hard to maintain its momentum. Some industry observers note that cable operators face a threat of competition from direct broadcast...

...estimated cable advertising revenue for 1995-2000 and percentage change in prime time viewing compared in 1994 are shown alongside tables listing coverage for cable **networks** and the cable industry's stock performance.
...

22/3,K/25 (Item 9 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

03838540 Supplier Number: 45491449 (USE FORMAT 7 FOR FULLTEXT)
Sirvaitis Exits Turner Sales To Join The IFE Family
Multichannel News, v0, n0, p44
April 24, 1995
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 897

... president of advertiser sales, who has now been named president of Cable Health Club.

Sirvaitis is leaving Turner at a high point, as Cable News **Network** soars in **terms** of **ratings** and **ad** revenue because of the O.J. Simpson murder trial. Since August 1994, as head of news ad sales, Sirvaitis has been in charge of all domestic sales for CNN, Headline News, the CNN Broadcast **Networks** and all Turner's place-based media and interactive.

'It's a tremendous opportunity,' Sirvaitis said of his new job. 'It's a company with...

22/3,K/26 (Item 10 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

03247158 Supplier Number: 44464938
Granada - Company Report
Investext, pl-6
Feb 25, 1994
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:

...flow area, with the combined franchise of 16 million people (31% of households) producing a NAR share of 22% and a current 38% share of **network** programs. The group will generate an estimated 36% of profits from terrestrial TV in 1995. The LWT acquisition provides Granada with the ability to compete...

...national advertising reach of Channel 4. Despite rising competition from BSkyB and possibly a Channel 5, Channel 3 should show real growth into the medium **term**, as its premium **advertising rating** increases in a more fragmented marketplace.

Tables in report: Stock Price And Earnings Data 1993-96; Interim Segment Operating Profits 1993-96; Real Television Advertising...

22/3,K/27 (Item 11 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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03187257 Supplier Number: 44362255 (USE FORMAT 7 FOR FULLTEXT)
Kidvid Reigns on Cable
Multichannel News, pS42
Jan 17, 1994
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 991

By KIM MITCHELL

It's not that Nickelodeon was significant because it was the first **network** aimed at the little darlings. Rather, it marked a departure in the way that TV addressed kids, talking to them in their own language, rather ...

...has expanded significantly into the children's arena. Indeed, children's programming continues to be one of the fastest-growing segments of cable programming in **terms of ratings and advertising** dollars.

KID POWER

Nationally, advertisers spent more than \$600 million on children's television, with an estimated 28 percent of those dollars going to cable...

22/3,K/28 (Item 12 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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02731435 Supplier Number: 43654674
CBS - Company Report
Investext, pl-2
Feb 16, 1993
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:

PAINWEBBER INC. report by Gottesman, A.
CBS' operating costs are under good control. The company remains the leader in **terms of network ratings**. The **advertising** environment is improving. Prime time and day time ratings are particularly strong at the CBS TV **Network**.
Tables in report: Stock Price And Earnings Data 1992-94; Annual Income Statement 1992-94
The INVESTEXT database offers the full text of this report...

22/3,K/29 (Item 13 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

01408905 Supplier Number: 41680773 (USE FORMAT 7 FOR FULLTEXT)
Thor24 Adds On-Line Data
Business Travel News, p11
Nov 19, 1990
Language: English Record Type: Fulltext
Document Type: Tabloid; Trade
Word Count: 87

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

BOULDER -- Thor24 has introduced a new service that provides its member agencies with **on - line** updates on preferred vendor programs and **promotions**, as well as short- **term** special **rates** on travel products.

22/3,K/30 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

02359242
Brain drain from MTV to rival Comedy Channel
Communications Daily December 5, 1989 p. N/A
ISSN: 0277-0679
FULL TEXT AVAILABLE IN FORMAT 7 OR 9 WORD COUNT: 329

... Sharon Ngoi of promotion dept. Some had left MTV some time ago, but others were recruited directly, CC officials said. CC Pres. Dick Beahrs said **network** didn't make conscious effort to recruit MTV personnel and

indicated that he was "surprised there are that many." "MTV developed some very good people," he told us, and some were recruited because of their experience starting basic cable **networks** . MTV spokesman had only one comment about defections: "It appears that our Manchurian Candidate strategy is working." Beahrs, meanwhile, said CC has developed some positive...

... 7 to 8 more advertisers" in last few weeks. He said reviews generally have been good and producers have been providing more comedy clips to **network** 's library. CC won't provide new figures on number of homes in which it's available until at least Jan., Beahrs said, but some...

... asked about ad rates he said "aye, there's the rub." He wouldn't disclose ad rates, but said CC is turning down some long- **term** ad deals at unacceptably low **rates** . CC also provides 3 min. of local ad availabilities per hour.

...

22/3,K/31 (Item 2 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

00759486

Nearly all new video technologies, including disc, cassette and the video record album, will eventually accept advertising, according to EN Ney, chrnm and pres of Young & Rubicam.

Broadcasting April 26, 1982 p. 74

He says advertisers should experiment with cable TV advertising , making long- **term** deals that guarantee **rates** because cable TV can serve as a complement to over-the-air **network** advertising. ...

22/3,K/32 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

09791310 SUPPLIER NUMBER: 19803655 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The case for cable. (cable television) (Column)

Sims, Jonathan

MEDIAWEEK, v7, n36, p14(1)

Sep 29, 1997

DOCUMENT TYPE: Column ISSN: 1055-176X LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 754 LINE COUNT: 00062

... tier cable" is simply a compilation of all cable "networks and programs" that are being watched every night by the viewing public?

"No single cable **network** comes close to any broadcast **network** in terms of average rating ." Advertisers are just as concerned with the quality of an audience as its quantity. Cable need not apologize on either score. As for planners and buyers, their focus is not on individual program ratings. Their primary concern is to judiciously allocate clients' money between broadcast and cable and among specific **networks** . As for rating size, should we assume broadcast is a mere shadow of its former self, since its average rating is a fraction of what...

22/3,K/33 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

09082647 SUPPLIER NUMBER: 18802978 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Food service and the Web? (includes list of World Wide Web sites) (Operator Connection: Technology in Food Service)

Nation's Restaurant News, v30, n41, ps26(4)

Oct 21, 1996

ISSN: 0028-0518 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2311 LINE COUNT: 00178

... course, there's one big thing to keep in mind if you hope to drive repeat traffic not only to your restaurant but to your **Web** site as well. The amount of choices out there is limitless. Curiosity will draw visitors to a site the first time; exciting, interesting sights will...

...you name it from site visitors from around the nation. Innovative "fun" areas not only bring back the original user who discovers it but also **score** visits generated by **word** -of-mouth. The old shampoo **ad** shall rings hue: They'll tell two friends about it. Then they'll tell two friends. And so on ... and so on ...

Baskin-Robbins (http...

22/3,K/34 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

08724493 SUPPLIER NUMBER: 18370161 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Infoseek navigates the Net. (Infoseek Corp.; Internet)
Rich, Laura
Inside Media, v8, n8, p32(1)
April 17, 1996
ISSN: 1046-5316 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 644 LINE COUNT: 00052

... at the end of last year about the debut of a CPM-based ad model, which Infoseek claimed was a first of its kind. Previously, **online advertising** was mainly discussed in **terms** of monthly **rates**, not always including reach totals.

Infoseek has provided a Web search tool at least on par with others since its launch in early 1995. More...

22/3,K/35 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

08646721 SUPPLIER NUMBER: 18261410 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Can cable cash in? (cable TV advertising) (includes related article)
Moss, Linda
Multichannel News, v17, n13, p8B(5)
March 25, 1996
ISSN: 0276-8593 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 3022 LINE COUNT: 00235

... big slice of children's viewership - more than many of the broadcasters - Nickelodeon is now a dominant player in the kids market.

But most cable **networks** are looking to the coming general upfront as their first chance to reap the full benefit of their 1995 **ratings** spurt, in **terms** of both total **ad** dollars and price increases.

"There's always a bit of a lag between ratings increases and ad-dollar gains," said Ron Schneier, senior vice president...

22/3,K/36 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

08267822 SUPPLIER NUMBER: 17440973 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Mutual fund and variable insurance products performance advertising.
Kirsch, Clifford E.; Faria, Wendell M.; Conner, W. Thomas
Business Lawyer, 50, n3, 925-993
May, 1995
ISSN: 0007-6899 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 33928 LINE COUNT: 02822

.... SEC's Division of Investment Management may permit supplemental sales literature relating to shares of a registered investment company to be transmitted electronically via the **Internet** . (78.) Most broker-dealers selling investment company shares are members of the NASD and subject to its Rules of Fair Practice governing investment advertisements and...

...Manual-Rules of Fair Practice (CCH) paragraph| 2195, art. III, section| 35 (Apr. 1995). (81.) Id. For the purposes of the Variable Products Guidelines, the **terms** "**advertisements** and sales literature" include not only the definitions of those terms found in article 111, section| 35 of the NSD Rules of Fair Practice, but...

...individualized communications such as personalized letters and printed or on-screen computer illustrations. Id. In addition, the approach taken in section| 35 in defining the **terms** "**advertisement** " and "sales literature" differs from that taken in the federal securities laws. (82.) Variable Product Guidelines, supra note 79, at *3. (83.) Id. at *3... Institutional Investor Feb. 1994, at 63 (rankers can't all be No. 1). A distinction may be drawn, however, in certain contexts. For example, the **term** "**rating** " could be used to refer to the assessment of the credit quality of debt instruments issued by various companies. Such ratings are performed generally by...following anomalous situation. Investment companies shares are sold through two primary distribution channels. "Load" funds charge a sales load to finance a broker-dealer distribution **network** . Since broker-dealers sell to their customers primarily through oral offers over the telephone, they are not restricted by sections| 5. A significant number of...

22/3,K/37 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

07867758 SUPPLIER NUMBER: 16887295 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Sirvaitis exits Turner Sales to join the IFE family. (Rick Sirvaitis; Turner Broadcasting Sales Inc.; International Family Entertainment Inc.)
Moss, Linda
Multichannel News, v16, n17, p44(1)
April 24, 1995
ISSN: 0276-8593 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 934 LINE COUNT: 00079

... president of advertiser sales, who has now been named president of Cable Health Club.

Sirvaitis is leaving Turner at a high point, as Cable News **Network** soars in **terms** of **ratings** and **ad** revenue because of the O.J. Simpson murder trial. Since August 1994, as head of news ad sales, Sirvaitis has been in charge of all domestic sales for CNN, Headline News, the CNN Broadcast **Networks** and all Turner's place-based media and interactive.

"It's a tremendous opportunity," Sirvaitis said of his new job. "It's a company with..."

22/3,K/38 (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

07642056 SUPPLIER NUMBER: 16116641
Market trends: network television. (Illustration)
MEDIAWEEK, v5, n3, p36(3)
Jan 16, 1995
DOCUMENT TYPE: Illustration ISSN: 1055-176X LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

ABSTRACT: Figures are presented in graphic and tabular form on the performance of **network** television in **terms** of program **ratings** and **advertising** revenue. Demand for **network** time increased through Oct, 1994, as did the average price of a 30-second prime-time spot commercial.

Daypart revenue trends for six program categories in 1994 are graphed against 1993 figures. **Network** spending in seven advertiser categories is tabulated.

22/3,K/39 (Item 8 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

07511441 SUPPLIER NUMBER: 15759020 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Arrested development: broadcast network audiences are an overvalued commodity. (The TV Ruminator) (Column)

Inside Media, p30(1)

August 17, 1994

DOCUMENT TYPE: Column ISSN: 1046-5316 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1191 LINE COUNT: 00092

... from their parade to pay-TV alternatives is like thinking that Korean groceries will revert back to Italian ownership.

I'll bet that a long-term advertiser's average rating -per-announcement hovers near the **network** average. Yet, no buyers present that comparison to clients. For that matter, no buyers compare their schedules' average rating on a post-analysis to the...

22/3,K/40 (Item 9 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

07423121 SUPPLIER NUMBER: 15839847

Close ratings benefit marketers for ad buys. (Big 3 running neck and neck) (television networks)

Mandese, Joe

Advertising Age, v65, n44, p3(1)

Oct 17, 1994

ISSN: 0001-8899 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

ABSTRACT: The Big Three broadcast television **networks**, ABC, CBS and NBC, are in a virtual dead heat in the ratings at the beginning of the 1994-95 season. NBC, the top-ranked **network** with an average 12.1 rating, is separated from third place CBS by only 0.3 points. ABC is ranked second with an average rating of 11.9, while Fox, the fourth **network**, had an average rating of 7.5. The tightness in the ratings race among the top three could translate into better **terms** during TV **ad rate** negotiations for savvy advertisers.

22/3,K/41 (Item 10 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

07184932 SUPPLIER NUMBER: 15142804 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Kidvid reigns on cable. (children's TV programs)

Mitchell, Kim

Multichannel News, v15, n3, p42A(1)

Jan 17, 1994

ISSN: 0276-8593 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 1051 LINE COUNT: 00084

It's not that Nickelodeon was significant because it was the first **network** aimed at the little darlings. Rather, it marked a departure in the way that TV addressed kids, talking to them in their own language, rather ...

...has expanded significantly into the children's arena. Indeed, children's programming continues to be one of the fastest-growing segments of cable programming in **terms** of **ratings** and **advertising** dollars. KID POWER

Nationally, advertisers spent more than \$600 million on children's television, with an estimated 28 percent of those dollars going to cable...

22/3,K/42 (Item 11 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

06805217 SUPPLIER NUMBER: 14848674 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Time Warner's 'video Mall'; advertisers get more detail on the Full Service
Network but no word on ad rates . (interactive television)
Friedman, Wayne
Inside Media, p5(2)
Oct 20, 1993
ISSN: 1046-5316 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 725 LINE COUNT: 00056

Time Warner's 'video Mall'; advertisers get more detail on the Full Service
Network but no word on ad rates . (interactive television)

TEXT:

Advertisers get more detail on The Full Service Network, but now word
on ad rates

22/3,K/43 (Item 12 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

06451797 SUPPLIER NUMBER: 13697048 (USE FORMAT 7 OR 9 FOR FULL TEXT)
NBC not for sale, says chairman Welch. (Jack Welch) (Brief Article)
McClellan, Steve
Broadcasting & Cable, v123, n16, p30(1)
April 19, 1993
DOCUMENT TYPE: Brief Article ISSN: 1068-6827 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 418 LINE COUNT: 00030

... around since 1991, when the FCC first made slight modifications in the financial interest and syndication rules, and when it also became clear that the **network** was headed for rocky times both in **terms** of program **ratings** and ad sales.

Still, there were those last week who questioned whether Welch's comments had any meaning at all--beyond an attempt to get the media...

22/3,K/44 (Item 13 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

06384718 SUPPLIER NUMBER: 13353733 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Paramount concerns of Kerry McCluggage. (Paramount Television Group) (NATPE
'93) (Interview)
Coe, Steve
Broadcasting, v123, n3, p59(4)
Jan 18, 1993
DOCUMENT TYPE: Interview ISSN: 0007-2028 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 4942 LINE COUNT: 00344

... more on the screen in terms of production value than, well, let's say, in comparison to The Television Consortium [now the Prime Time Entertainment **Network**]. Fortunately, we have a different stream of revenue. We've pre-sold the back end, we have foreign revenues and we've done very well in **terms** of what Premier **Advertising** Sales [Paramount's national barter advertising sales arm] has put together. In terms of the CPM's [cost per thousands], we're sold out on...

...streams of revenue, we can afford to put more on the screen and do so at a level that's profitable for the studio. In **terms of ratings**, obviously some of the barter income is dependent on delivering a certain rating and a certain demographic. That remains to be seen. We have two goals, in **terms of ratings** performance. One obviously is to make the economic model work, and given how well we've done in terms of coordinating those revenue streams, you...

...our stations to profit by these shows too. The stations that have had Next Generation have certainly done very well with those shows, both in **terms of ratings** and what they've been able to sell their ad time for [in the national and local spot markets]. It isn't a great partnership...

22/3,K/45 (Item 14 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

04377155 SUPPLIER NUMBER: 09058897

And now, a word with their sponsors. (advertising rates on network television)

Landler, Mark

Business Week, n3165, p26(3)

June 18, 1990

CODEN: BUWEA

ISSN: 0007-7135

LANGUAGE: ENGLISH

RECORD TYPE:

CITATION

And now, a word with their sponsors. (advertising rates on network television)

22/3,K/46 (Item 15 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

03932263 SUPPLIER NUMBER: 07039870 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Syndicators talk back. (syndicators of television programs respond to claims of advertisers in January issue of periodical)

Mandese, Joe

Marketing & Media Decisions, v24, n2, p69(2)

Feb, 1989

ISSN: 0195-4296

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1297 LINE COUNT: 00101

... but if we deliver more than that, we want to get paid for it."

Advertisers, meanwhile, are concerned about another kind of guarantee inequity. Although **network** upfront **advertisers** who make long- **term** commitments in advance of the season get the advantage over short- **term** scatter buyers of having their **ratings** guaranteed, upfront buyers in the syndicated marketplace receive no such advantage. Both upfront and scatter buys are guaranteed by syndicators.

Rather than this being a...

22/3,K/47 (Item 16 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

01895441 SUPPLIER NUMBER: 02882816 (USE FORMAT 7 OR 9 FOR FULL TEXT)

NBC-TV's Mape's broadcaster and team players since age 14.

Broadcasting, v105, p95(1)

Aug 15, 1983

DOCUMENT TYPE: biography

ISSN: 0007-2028

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1194 LINE COUNT: 00087

... One of Mape's toughest challenges has been to persuade affiliates to improve program clearances, the lack of which tends to be very costly in

terms of rating points and advertising dollars. He notes improvement in that area, however, since the last affiliates meeting in May, when he and a number of other network executives strongly encouraged stations to "be there" a bit more often when it came to clearing network programs. Daytime clearances are "over 90% now," he claims, up from about 89% in May, while prime time clearances are "probably better now," as well...

22/3,K/48 (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
(c) 2002 McGraw-Hill Co. Inc. All rts. reserv.

0505628

A CALL TO ARMS ON ARMs: Homeowners are suing lenders for overcharges--and winning

Business Week September 6, 1993; Pg 72; Number 3335

Journal Code: BW ISSN: 0007-7135

Section Heading: Finance

Word Count: 903 *Full text available in Formats 5, 7 and 9*

BYLINE:

Kelley Holland in New York, with Mark Maremont in Boston

TABLE:

available online).

ADJUSTING ADJUSTABLES

Consumers are banding together in lawsuits against adjustable-rate-mortgage lenders who they believe are overcharging. All of the lenders below deny liability...

...savings bank's ARM product violated a 1988 state law. Civil suits have also been filed.

FIRST NATIONWIDE Settled suits charging that it misrepresented its terms in advertisements and calculated mortgage rates incorrectly. More than 24,000 customers may have been affected.

DATA: BUSINESS WEEK

22/3,K/49 (Item 1 from file: 553)
DIALOG(R)File 553:Wilson Bus. Abs. FullText
(c) 2002 The HW Wilson Co. All rts. reserv.

04022787 H.W. WILSON RECORD NUMBER: BWBA99022787

And now, a few costly words from our sponsor: ad rates climb even as network ratings continue to drop.

Grover, Ronald

Business Week (Bus Week) no3622 (Mar. 29 '99) p. 96

LANGUAGE: English

And now, a few costly words from our sponsor: ad rates climb even as network ratings continue to drop.

22/3,K/50 (Item 2 from file: 553)
DIALOG(R)File 553:Wilson Bus. Abs. FullText
(c) 2002 The HW Wilson Co. All rts. reserv.

04015244 H.W. WILSON RECORD NUMBER: BWBA99015244 (USE FORMAT 7 FOR FULLTEXT)

Banner and avoidance.

Thompson, David R

Editor & Publisher, the Fourth Estate (Ed Publ Fourth Estate) v. 132 no7

(Feb. 13 '99 supp) p. 54

LANGUAGE: English

WORD COUNT: 797

(USE FORMAT 7 FOR FULLTEXT)

...ABSTRACT: menu, keyword search, scroll bar, play button, and error message, these are all fake and the entire ad is just one link. In the short **term**, such **ads** increase click-through **rates**, but in the long **term**, they train **on - line** readers to avoid interaction with **on - line** advertising. The negative effects that trick banner ads could have on both the advertising and editorial departments of **on - line** newspapers are discussed.

TEXT:

Creative advertisers have invented an effective method for reaching **online** readers who avoid banner ads: the trick **banner**. In the short **term**, trick **banners** increase click-through rates. But in the long **term**, trick **banners** train readers to avoid interaction with **online** advertising.

I know. I've been victimized by this trickery.

I found a banner ad that said something like: "Best rates for air travel." A...

22/3,K/51 (Item 3 from file: 553)
DIALOG(R)File 553:Wilson Bus. Abs. FullText
(c) 2002 The HW Wilson Co. All rts. reserv.

03841697 H.W. WILSON RECORD NUMBER: BWBA98091697 (USE FORMAT 7 FOR FULLTEXT)

Networks lose ground on NFL.

McClellan, Steve

Schlosser, Joe

Broadcasting & Cable (Broadcast Cable) v. 128 no41 (Oct. 5 '98) p. 4+

LANGUAGE: English

WORD COUNT: 1222

...ABSTRACT: 1998-99 NFL season. With the Mark McGwire/Sammy Sosa home-run chase and other good story lines, baseball is experiencing renewed popularity. The four **networks** that are carrying NFL football games together paid \$18 billion for the latest NFL contracts. ESPN, ABC, and Fox are down 18 percent, 15 percent, and 3 percent, respectively, in **ratings terms**, with CBS remaining flat. In **advertising terms**, the **networks** have only registered half of the increases that they had hoped for, two major NFL sponsors have withdrawn this season, and the overall pool of NFL **network** ad dollars may be down by as much as 10 percent over last year.

22/3,K/52 (Item 1 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2002 The Gale Group. All rts. reserv.

04588773 SUPPLIER NUMBER: 20046779

Positive spin: Senate campaigning on the web.

Klotz, Robert

PS: Political Science & Politics, v30, n3, p482(5)

Sep, 1997

ISSN: 1049-0965

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3582

LINE COUNT: 00328

... balanced budget, few substantial cuts were suggested by candidates in their budget/economy issues section.

Comparison to Television Advertising

Since most normative assessments of campaign **web** sites are implicitly framed in terms of whether the **Internet** is superior to TV advertising, the current dominant mode of campaigning, this section compares **web** campaigning to TV **advertising**. In **terms of influence** on voters, early indications are that the **Internet** had more influence than was expected. Public opinion surveys following the election indicate that voters received as much information from **Internet** sources as from magazines with 8% claiming to have visited a specific a campaign site (Chandrasekaran 1996). However, the **Internet** still lags significantly behind TV advertising for exposure. Of course, TV ads also allow for much

more accidental exposure than does the **Internet** . While a **web** page may be paradigmatic of Lazarsfeld, Berelson, and Gaudet's (1944) selective exposure with little persuasion of undecided voters, it does offer the advantage of...

22/3,K/53 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

02358312 117541888

Letterman or Leno: a groupthink analysis of successive decisions made by the National Broadcasting Company (NBC)
Neck, Christopher P.
Journal of Managerial Psychology v11n8 PP: 3 1996
ISSN: 0268-3946 JRNL CODE: JMN
WORD COUNT: 6151

...TEXT: decision to select Leno over Letterman proved to be disastrous for NBC because Letterman accepted a contract to bring his late night show to another **network** (CBS) to compete head to head with NBC's The Tonight Show. Letterman's show won the competition in **terms** of both **ratings** and **advertising** dollars. But more importantly, NBC lost its reign of being the pinnacle in late-night television[7].

Highly consequential decision

Although Janis did not directly...

22/3,K/54 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01761040 04-12031

Banner ads much like direct mail envelopes
McLaughlin, Rachel
Target Marketing v22n1 PP: 16-18 Jan 1999
ISSN: 0889-5333 JRNL CODE: ZIR
WORD COUNT: 261

...TEXT: October. While the envelope's job is to persuade the prospect to open it and look inside; the banner's job is to persuade the **Web** surfer to click on it to visit the **Web** site. Both need to intrigue the reader enough to take action. According to Rosenblatt, here are five "rules" of effective **banner advertising** :

Say the magic **words** . "Click here" are magic words when it comes to banner advertising. The addition of these two words has increased click-through rates.

A moving picture...

22/3,K/55 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01758194 04-09185

Is there still a market for individual life insurance?
Woods, David F; Mitchel, James O
Journal of Financial Service Professionals v53n1 PP: 74-81 Jan 1999
ISSN: 1052-2875 JRNL CODE: CLU
WORD COUNT: 4593

...TEXT: life insurance has become marginalized by consumers as "just another financial product on the shelf," to be selected from a number of choices.

Furthermore, the **Internet** and an increasing number of "low-cost, **term** life insurance" ads with **rate** charts are commoditizing **term** insurance, and the price continues to drop. Will permanent insurance be next? With increasing **Internet** activity, what are the implications for companies, agents, and brokers? Will it become the dominant insurance marketplace of the future, at least for the middle...

22/3,K/56 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01495270 01-46258
Affecting the senses
Fatt, James Poon Teng
Communication World v14n8 PP: 15-17 Aug/Sep 1997
ISSN: 0744-7612 JRNL CODE: CMW
WORD COUNT: 1983

...TEXT: is more of a liability or asset is best judged by the masses, but the fact is that behind the broadcasting station is the giant **network**, and behind the **network** is the giant sponsor. The language, the words that are the heart of every media message, can be easily controlled by sponsors while the masses...

... with the media images that prompt them, conjure up pictures in people's minds that redefine concepts and ideas. For instance, the efficacy of such **advertising** power words as "new," "improved" and "doctor-recommended" lies in their ability to gain the attention of the masses and thereafter **influence** them. Also, words such as "terror," "terrorism" and "terrorist" used by television news media have become buzzwords with a powerful emotional content. According to author Donald E Roberts...

22/3,K/57 (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01491882 01-42870
Online advertising: The basics
Kinsman, Matthew
Catalog Age v14n9 PP: 70-71 Sep 1, 1997
ISSN: 0740-3119 JRNL CODE: CTA
WORD COUNT: 1585

...TEXT: to Santa, received more than 200,000 impressions, or viewings.

Name your price

By 1996, many of the Websites that accepted ads started basing their **rates** on guaranteed usage in other words, promising **advertisers** a minimum number of impressions within a prescribed time period. By dividing the ad rate, usually given in ...number of impressions, you could evaluate the price per impression, or PPI. The PPI tells you how much it costs to be seen by one **Web** user. PPIs among leading sites, including Yahoo!, Pathfinder and Playboy, ranged from less than \$0.02 to \$0.20 (see chart below).

Keep in mind...

22/3,K/58 (Item 6 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

00670139 93-19360
China TV ad rates soar, though still a bargain

Geddes, Andrew

Advertising Age v64n3 PP: I-3, I-30 Jan 18, 1993

ISSN: 0001-8899 JRNL CODE: ADA

ABSTRACT: Demand for television advertisement time has created a seller's market in China. While higher **rates** will create some short- **term** pain for **advertisers**, they could stimulate a more professional media and make new media outlets more viable. Government **network** China Central Television hiked the rate of an average 30-second spot for joint venture advertisers 108%. Similar increases are slated for local stations in...

22/3,K/59 (Item 7 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2002 ProQuest Info&Learning. All rts. reserv.

00408016 88-24849

The Twilight of Advertising

Gershman, Michael

Management Review v77n6 PP: 22-32 Jun 1988

ISSN: 0025-1895 JRNL CODE: MRV

ABSTRACT: In **terms** of profitability and **influence** within marketing circles and the larger business community, advertising now is regarded as a business in serious decline. Three years of buyouts, mergers, mass job...

... for food and other household items are becoming clogged with more and more products. Retailers are becoming leaders in database marketing, which is another long- **term** threat to **advertising**. Managers can, with scanner data from checkout machines, track performances of a given brand in their stores and add data from other market research companies. With declining audiences, TV **networks** can lower ad prices by cutting running times for each commercial, leaving little time to develop a selling point.

22/3,K/60 (Item 8 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2002 ProQuest Info&Learning. All rts. reserv.

00348772 87-07606

TVS: No Poor Relation

Davidson, Andrew

Marketing v28n3 PP: 24-26 Jan 22, 1987

ISSN: 0025-3650 JRNL CODE: MAR

...ABSTRACT: of 24% over the preceding year. Advertising revenues of L122.4 reflect the premium price TVS gets for its airtime due to high demand from **advertisers** and low viewing levels. In **terms** of cost per thousand viewers, **rates** for TVS are the 2nd most expensive in the UK. While it has been criticized for failing to promote viewing, TVS blames the problem on ...

...its programs viewed nationally in order to become a producer competitive with the 'big 5' (Thames, London Weekend Television, Central, Granada, and Yorkshire). Arguments against **network** status for TVS include the danger of destroying the geographical balance of power and the possibility of decreased revenues for the northern majors. While its rivals argue that TVS' programming is not up to their standards, TVS maintains that the criticism merely reflects a conspiracy to keep TVS from **network** status.

22/3,K/61 (Item 9 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2002 ProQuest Info&Learning. All rts. reserv.

00154814 81-24691

Gardner Has a Word for It: Productivity

Anonymous

ABSTRACT: As US businesses find it harder to compete in the world economy, the **terms** "'quality circles'" and "'productivity **rates** '" have gained in popularity. However, those **terms** were popular at Gardner **Advertising** back in 1965. At that time, Media Director Kelly O'Neill preached the doctrine of qualitative and quantitative increases in productivity to the receptive St...

... primarily computers, to do so. What they came up with was a system that analyzed the important factors an advertiser must consider before making a **network** TV buy. This led to Advanswers Media/Programming, Inc., a subsidiary of Gardner. Employees began to meet after work or on Saturdays to discuss improvements...

22/3,K/62 (Item 1 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

0911342 98-72749

Turner fights an ad battle The Atlanta-based broadcaster is trying to change the fact that cable TV has won viewers but still lags the **networks** in revenue.

Haddad, Charles
Atlanta Constitution (Atlanta, GA, US) pD.01
PUBL DATE: 980301
WORD COUNT: 905
DATELINE: Atlanta, GA, US, South Atlantic

TEXT:

...slices remain small," Butensky said.

Textual Illustration:

Graphic : Twenty years after its launch, commercial cable TV still plays second fiddle to the big four broadcast **networks** when it comes to advertising. The **networks** receive the lion's share of **advertisers** ' dollars, in **terms** of both **rates** and total amounts spent. Cable's share, though, is growing. Cable.....25% Others....10% Top four **networks** (ABC, NBC, CBS, Fox).....65% Percentage of cable ad spending: All other basic cable.....78% Turner*.....22% *Turner's cable TV channels include TNT, TBS SuperStation, Cartoon **Network** and CNN Note: Numbers are rounded PAIGE BRADDOCK / STAFF Graphic : Line graph shows the share of national prime-time viewing from 1985 through 1997. Consult...

22/3,K/63 (Item 2 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

0709362 96-67744

Tracking Net traffic

Borden, Jeff

Crains Chicago Business (Chicago, IL, US), V19 N24 p15

PUBL DATE: 960610

WORD COUNT: 1,426

DATELINE: Schaumburg, IL, US, North Central

TEXT:

...medium and it doesn't lend itself to many of the traditional ways we measure media. It's much more of a frontier."

Indeed, the **Internet** is coining its own language of usage--hits, clicks, page impressions, visits, click-throughs. **Web** -site publishers may

understand the new lingo, but it can baffle **advertisers** grounded in the **terminology** of print circulation and broadcast **ratings** .

"Nobody is quite sure what is being promised and what is being delivered," explains Hunter Madsen, senior partner and director of Internet operations for ad...

22/3,K/64 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2002 Resp. DB Svcs. All rts. reserv.

02405708 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CABLE NETWORKS APPLY LATIN LESSONS TO U.S.
(Cable networks are targeting the growing Hispanic population in the US by introducing Spanish-language networks)

Electronic Media, p 3+

March 15, 1999

DOCUMENT TYPE: Journal ISSN: 0745-0311 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 985

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...the power of the Hispanic audience.

'When I had stations in Miami and New York, they (top Spanish broadcasters) were kicking my rear end in **terms** of **ratings** and **advertising** ,' he recalled. The U.S. cable **networks** ' model for launching in Latin America during the last decade has followed a three-pronged approach: sell individual shows; launch a branded block on a local channel to get the word out; and deploy a dedicated **network** when the market is ready.

Similar strategies at Nick, Discovery

Nickelodeon and Discovery are following a similar strategy domestically. Both networks sold blocks of programming...

22/3,K/65 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2002 Resp. DB Svcs. All rts. reserv.

02362873 (USE FORMAT 7 OR 9 FOR FULLTEXT)
India: Entertainment media: Channel war rages on
(Global ad spending forecast to hit USD1r348 bil by 2001; Indian TV advertising expenditure increases nearly 40% in 1997-1998; 86 mil Indian homes should have a TV by 2000.)

Business Line , v n/a, n n/a, p n/a

January 17, 1999

DOCUMENT TYPE: Journal ISSN: 0971-7528 (India)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2182

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...investment. This fancy is not difficult to understand as even in these troubled times the world over, a 2.20 per cent growth in real **terms** in global **ad** spending is expected, according to a survey by Zenith Media Worldwide. "We predict global **advertising** spend to grow in real **terms** every year and moreover this **rate** will accelerate. The message from the worldwide **network** is clear - advertisers feel good about the future." Worldwide ad spend is expected to rise from \$ 300 billions in 1998 to \$ 348 billions in 2001...

22/3,K/66 (Item 3 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2002 Resp. DB Svcs. All rts. reserv.

02021121 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Myers Most Bullish on Cable, Internet Ads

(Myers Consulting Group predicts total national media spending in 1998 should hit \$58.7 bil)

Multichannel News, v 18, n 49, p 162

December 08, 1997

DOCUMENT TYPE: Journal ISSN: 0276-8593 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 504

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...to expect "a slight downturn" in ad spending for the 1998 first quarter, Myers said he is "extremely bullish" over the long term.

The TV **networks** will continue to see ad-spending gains -- up 6.6 percent annually to \$23.2 billion in 2005 -- but ongoing audience erosion will cause their share of national spending to slip nearly six points to a 20 percent share by the middle of the next decade, he said. Cable **networks**, meanwhile, will soar at a 17.2 percent annual rate to \$18.5 billion in 2005, by which time they will have achieved parity with the TV **networks** in **terms of advertising rates** and audience reach, Myers predicted.

Spot TV will drop "most precipitously" in terms of ad spending share among the major media -- from nearly 20 percent...

22/3,K/67 (Item 4 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2002 Resp. DB Svcs. All rts. reserv.

01946727 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Two sunny forecasts

(Recent forecasts from Television Bureau of Advertising and Morgan Stanley suggest continued robust TV ad spending in 1998)

Electronic Media, p 33+

September 15, 1997

DOCUMENT TYPE: Journal ISSN: 0745-0311 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 670

ABSTRACT:

...category that would generate some spending as manufacturers make an initial market push for their first generation of digital TV sets and converters. TVB predicts **network** TV and spot TV ad spending will increase between 5% and 7% next year. National TV syndication ad spending will grow between 4% and 6...

...TV ad spending will climb as high as 13%; and local ad spending will grow 6% to 8% in 1998, TVB said. A comprehensive long- **term advertising** report recently published by Morgan Stanley predicts an average 7% growth in overall TV advertising in 1998. Nearly 4% of the broadcast **networks** ' 1998 revenues will be generated by Winter Olympics advertising sales, the report said. Ad spending in all forms of broadcast television will increase an average...

...in cable TV and an estimated 8.6% increase in ad spending in radio, Morgan Stanley said. However, the Morgan Stanley report predicts that broadcast **networks** ' declining audience share will translate into more modest annual advertising growth by the end of the decade. Morgan Stanley says it expects advertising growth in all U.S. media to make a "soft landing," slowing to a long- **term growth rate** of 5.6% to 5.7% through

the year 2000. That compares with a 7.5% growth rate in ad spending on all U.S. media in 1996. However, advertising spending at the broadcast TV **networks** is expected to decline to about 4.3% annually over the next five years, compared with a projected 6.5% growth in overall TV ad spending during that same period, the report stated. The three major broadcast **networks** comprise about 31% of all TV ad dollars, compared with nearly 11 percent for cable **networks**.

22/3,K/68 (Item 5 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2002 Resp. DB Svcs. All rts. reserv.

01938405 (USE FORMAT 7 OR 9 FOR FULLTEXT)
'Seinfeld' nears price ceiling as sophomore shows soar
(Seinfeld' has the highest ad rates of any network tv show at \$575,000 per 30 second spot, while two new NBC offerings are among the top ten shows in terms of ad rates)
Advertising Age, v 68, n 37, p 1+
September 15, 1997
DOCUMENT TYPE: Journal ISSN: 0001-8899 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1351

(Seinfeld' has the highest ad rates of any network tv show at \$575,000 per 30 second spot, while two new NBC offerings are among the top ten shows in terms of ad rates)

22/3,K/69 (Item 6 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2002 Resp. DB Svcs. All rts. reserv.

01927369 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Marketing / Advertising / Media: Winning word-of-mouth approval: **TEENAGE MARKETING**: Bethan Hutton on how companies stay one step ahead of Japan's materialistic youth:
(Agencies promote new products to Japanese teenagers in order to arrange that all-import "kuchikomi," or word-of-mouth)
Financial Times London Edition, p 18
September 08, 1997
DOCUMENT TYPE: Business Newspaper ISSN: 0307-1766 (United Kingdom)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 648

ABSTRACT:

...to hit the shops sold out immediately. Such is the power of kuchikomi, or word of mouth. Advertisers everywhere know that personal recommendation carries great **weight**. Normally, **word of mouth promotion** is free, but impossible to arrange. In Japan, it can be arranged - at a price. Agencies have sprung up with hundreds of teenagers on their...

...a new store, creating an artificial "buzz" about it. Half way between Shibuya and Harajuku is the office of Hiroaki Morita, who set up **Teens Network** Ship on leaving school nine years ago. The agency is the longest-established specialist in the teenage market, and often uses informal, kuchikomi-style marketing...

22/3,K/70 (Item 7 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2002 Resp. DB Svcs. All rts. reserv.

01741695 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Live Store 3.0 Offers Detailed Web Statistics
(Viaweb rolls out Live Store 3.0, update to its online store-building software equipped with new marketing analysis tools that go beyond "cookies" and "hit counts")

Newsbytes News Network, p N/A
February 18, 1997
DOCUMENT TYPE: Journal (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 650

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

CAMBRIDGE, MASSACHUSETTS, U.S.A., 1997 FEB 18 (NB) -- By Jacqueline Emigh. Viaweb has rolled out Live Store 3.0, an update to its **online** store-building software equipped with new marketing analysis tools that go beyond "cookies" and "hit counts" to bring statistical comparisons between money spent and visitors' originating World Wide **Web** sites and keywords. In a conference call with Newsbytes, Viaweb President Paul Graham observed that Live Store customers include the likes of Rolling Stone magazine, Frederick's of Hollywood, and the Dean & DeLuca gourmet food store. Viaweb, he contended, combines **Web** hosting services on its own **online** mall with store front creation tools intended to be easy enough for virtually any end user. "Our goal is to become 'the Microsoft Word of **online** stores,'" according to Graham, also a co-founder of Viaweb, as well as the author of On Lisp and ANSI Common Lisp, two books published...

...Microsoft's Excite," the company president pointed out. As a result, Live Store 3.0 comes with new capabilities designed to show merchants the "referrer" **Web** site for each visitor to the **online** store, as well as how much money visitors from each site spent in the store. The **online** shopkeeper might find that visitors from Yahoo spend 3 cents on average, while visitors from AltaVista spend 40 cents -- or vice versa, depending on the types of products being marketed, Newsbytes was told. One Viaweb merchant came to realize that an ad on the Playboy **Web** site was relatively ineffective at sending customers to his stereo store, for example. "Playboy has the right kind of demographics for stereo sales. The problem is that people do not typically go to the Playboy site to look for stereo equipment." The merchant discovered that **Web** sites "with articles comparing different kinds of stereo equipment" did better at bringing the desired sorts of traffic, Graham said. Merchants can also determine where to put their money in **terms** of **keyword advertising**, according to the Viaweb chief. Search engines, he noted, have now begun to charge different **rates** for various **keywords**. "Typically, the most popular key words are the most expensive." Yet, buying **ads** on the most popular search **words** is not necessarily the best way of garnering sales -- and less popular search terms can sometimes be major bargains. "Lion King" is highly popular as...

...cards," Graham observed. Conversely, the word "merchandise" is relatively inexpensive, but one that turns out to be frequently used among people looking to buy merchandise **online**. A single page view is counted for each time a visitor views a **Web** page. On the other hand, the same page view might involve either one or multiple hits. Version 3.0 also uses cookies to show clickstreams, consisting of "the sequence of pages viewed by each **Web** site visitor, the time spend on each page, and when items were put in -- or taken out of -- the shopping basket," Newsbytes was told. The...

...to Graham. The updated store front software is available immediately as a free download from Viaweb (at <http://www.viaweb.com>). Once a store is **online**, merchants pay monthly flat fees based on the number of items in the store. Fees start at \$100 per month for a store with up...

...Reader Contact: Viaweb, 617-876-2692; Press Contact: Merrill Freund or Kerry Bard, Schwartz Communications for Viaweb, 617-431-0770;
VIAWEBLOGO19970218/Reported by Newsbytes News **Network** at
<http://www.newsbytes.com>) ...

22/3,K/71 (Item 8 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2002 Resp. DB Svcs. All rts. reserv.

01382075 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Words hold the key to Web Ad packages

(Keyword sponsorship on Web sites discussed; firms discussed include InfoSeek and Yahoo Corp)

Advertising Age, v 67, n 3, p 38

January 15, 1996

DOCUMENT TYPE: Journal ISSN: 0001-8899 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 447

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Advertising on CMP's TechSearch service costs \$1,000 per month for a combination of premium and regular words.

ADVERTISER BENEFITS

But what does an **advertiser** get for those **words** ? Despite InfoSeek's claim that conversion **rates** on **keyword** buys range from 2% to as much as 36%, Mr. Lundberg, who's **Web** Review's director of advertising (<http://gnn.com/wr>), isn't entirely convinced his purchase made a difference.

"The difference between [keyword-related] ads on...

22/3,K/72 (Item 9 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

(c) 2002 Resp. DB Svcs. All rts. reserv.

01375878 (USE FORMAT 7 OR 9 FOR FULLTEXT)

How to market the candidate of the future

(The Internet may not affect voting in the 1996 US presidential election, but it is changing the way campaigns are run)

Advertising Age, v 67, n 2, p 22

January 08, 1996

DOCUMENT TYPE: Journal ISSN: 0001-8899 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 873

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...the party, however. It plans to have it Web site up and running early this year, but every other major candidate is already there.

"In **terms** of **influencing** people with **advertising** or materials on the **Internet** -- you're really preaching to the choir there," said Gary Selnow, a professor at San Francisco State University and author of "High-tech Campaigns." "It...

22/3,K/73 (Item 10 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

(c) 2002 Resp. DB Svcs. All rts. reserv.

01367176 (USE FORMAT 7 OR 9 FOR FULLTEXT)

LITTLE CAESARS PIZZA ADS' STARS A THROWBACK TO 'GOOD TIMES'

(Little Ceasars Pizza rolls out new ad campaign featuring former JJ Walker, and Evel Knievel)

Detroit Free Press , p N/A

December 29, 1995

DOCUMENT TYPE: Regional Newspaper ISSN: 1055-2758 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 586

ABSTRACT:

...1960s TV series "The Munsters" actor Butch Patrick and retired daredevil motorcyclist Evel Knievel. The ads will begin on Jan 1, 1996 on major TV **networks** and will mark the first time Little Caesars has used celebrities to advertise its products. Little Caesars has employed a strategy of low-cost but creative and effective advertising since the 1980s. The firm's ads have consistently received high **ratings** from the **advertising** profession in **terms** of recognition, creativity and humor. Little Caesars has 4,700 stores. It will offer a new product on Oct 1995 and is aggressively marketing a...

22/3,K/74 (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0874003 BW0194

ANDROMEDIA: Andromedia's ARIA Complies With ABC Interactive Auditing Standards for Website Measurement

July 01, 1998

Byline: Business Editors/Computer Writers

...corporate IT groups hundreds of thousands of dollars annually in the web activity analysis process. In addition, ARIA's real-time technology integrates with leading **ad server** and content **management** applications to enable dynamic delivery of personalized web recommendations.

About ABC Interactive

ABC Interactive was **created** in response to demand from the advertising community and ABC members to provide independent third-party audits and industry-developed standards for website and other...

22/3,K/75 (Item 2 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0441776 BW0115

LA CADENA DEPORTIVA: Ground zero to one million subscribers -- La Cadena Deportiva Prime Ticket celebrates first-year anniversary

November 02, 1994

Byline: Sports & Entertainment Editors

...of this new service," said Eva Bustos, director of affiliate marketing for La Cadena Deportiva.

"Soccer by far has proven to be the most successful **advertising** vehicle in **terms** of **ratings** . We're confident the **network** 's success will continue as we introduce new programming agreements and marketing plans."

The network has attracted both local and national advertisers, including AT&T...

22/3,K/76 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2002 CMP Media, LLC. All rts. reserv.

00555032 CMP ACCESSION NUMBER: BTN19901119S0431
Thor24 Adds On-Line Data
BUSINESS AND TRAVEL NEWS, 1990, n 192, 11

PUBLICATION DATE: 901119
JOURNAL CODE: BTN LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: TECHNOLOGY
WORD COUNT: 90

TEXT:

BOULDER - Thor24 has introduced a new service that provides its member agencies with **on - line** updates on preferred vendor programs and **promotions** , as well as short- **term** special **rates** on travel products.

22/3,K/77 (Item 1 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters
(c) 2002 The Dialog Corp. All rts. reserv.

00626245

ED'S FORUM: ED PAPAZIAN TO FIGHT TV, YOU MUST TALK LIKE TV
MIN MEDIA INDUSTRY NEWSLETTER
September 28, 1998 VOL: 51 ISSUE: 38 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: PHILLIPS BUSINESS INFORMATION
LANGUAGE: ENGLISH WORD COUNT: 329 RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...average minute ratings of prime-time tv shows. Depending on which demographics are utilized, the larger magazines and certainly some of the multi-title magazine "**network**" packages seem to offer equal or greater reach.
However, this approach is not particularly convincing since few advertisers think of reach attainment in single insertion **terms** . For example, a 500 gross- **ratings** point (GRP) buy on cable--which averages a puny 0.4%-to-0.5% rating per cablecast--will deliver a 40%-to-50% national reach over four weeks. And an on-air major- **network** prime-time buy with the same total GRPs will deliver a 70%-to-75% reach over the same period. This, even though the average minute...
...a given magazine schedule reach per day/per week/per month? How many of these "exposures" involve actual ad-page openings? What happens next...in **terms** of **ad** impact and product movement?
Hopefully, the new Magazine Publishers of America studies that are now in the works will provide some much-needed information along...

22/3,K/78 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1208894 LAF010
First d:tech West Debuts Monday, January 12 in L.A.

DATE: January 9, 1998 08:00 EST WORD COUNT: 520

...DIGITAL MARKETING LEADERS

d:tech West keynotes will be delivered by such industry visionaries as David Wertheimer, president, Paramount Digital Entertainment; Jake Winebaum, president, Disney **Online** ; Jim Banister, vice president and general manager, Warner Bros. **Online** ; Bob Bejan, executive producer, The Microsoft **Network** ; Ron Whittier, senior vice president and general manager, Intel; Ann Winblad, partner, Hummer Winblad Venture Partners; and Bob Dowling, editor-in-chief and publisher, The...

...panelists include: Joel Kotkin, senior fellow, Pepperdine University Institute for Public Policy; Jim Dolbear, managing director, The Larkin Group; Nick Rothenberg, ceo, W3-design/US **Web** ; Chuck Chopin, senior vice president, sales and marketing, BoxTop Studio; Dan Marriott, vice president, marketing, CitySearch; and Michael Rolands, chairman, Digital

Hollywood.

SUMMIT LEADERSHIP PRESS...

...IN REVIEW"

Acknowledge, Inc. (formerly Focalink and Clickover) will launch a major new product line as well as deliver its first year-end advertising report, " **Online** Advertising Report '97 Year in Review," in a general session on Tuesday, January 13 at 5:30 p.m. The report will reveal long-term trends in **ad rates**, market growth and characteristics of banner ads in 1997.

HOME **NETWORK** : NEW SERVICE TO DEMO AT D:TECH WEST

Special to d:tech West, Home **Network** will showcase their newly launched broadband cable modem **online** service for the first time in L.A. This will take place in the CyberCafe sponsored by Home on the exhibit floor.

TO ATTEND D...

22/3,K/79 - (Item 2 from file: 813)

DIALOG(R)File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

0036911

NY50F

S&P CREDITWIRE

DATE: November 25, 1987

13:54 E.T.

WORD COUNT: 744

STANDARD & POOR'S

	CORPORATES
RATING	NEW ISSUE RATINGS
	Avis Inc
AA/A-1+	\$29 mil FRESOP nts ser E due 09/30/12 (LOC: Long- Term Credit Bk of Japan Ltd)
	Banner Industries inc.
B-	\$160 mil intermed sub debts due 2001
B-	\$102 mil jr sub debts due 2007
	Lockheed Corp
A+	\$300 mil sr debt...

...sub debts due 1999

	Signal Capital Corp
A	\$100 mil equip trust ctfs ser 1 due 12/01/02
	Summit Bancorporation
A-	\$40 mil med- term notes

	STRUCTURED FINANCING
RATING	NEW ISSUE RATINGS

	E.F. Hutton Mortgage Capital Inc
AA	\$75.8 mil mtg pass-thru ctfs ser 1987-1
	Paine Webber CMO Trust Ser E
AAA	\$200 mil coll mtg oblig due12/01/17

File 8: Ei Compendex(R) 1970-2002/Nov W2
 (c) 2002 Elsevier Eng. Info. Inc.
 File 35: Dissertation Abs Online 1861-2002/Oct
 (c) 2002 ProQuest Info&Learning
 File 202: Information Science Abs. 1966-2002/Oct 29
 (c) Information Today, Inc
 File 65: Inside Conferences 1993-2002/Nov W3
 (c) 2002 BLDSC all rts. reserv.
 File 2: INSPEC 1969-2002/Nov W3
 (c) 2002 Institution of Electrical Engineers
 File 233: Internet & Personal Comp. Abs. 1981-2002/Nov
 (c) 2002 Info. Today Inc.
 File 94: JICST-EPlus 1985-2002/Sep W3
 (c) 2002 Japan Science and Tech Corp(JST)
 File 111: TGG Natl. Newspaper Index(SM) 1979-2002/Nov 18
 (c) 2002 The Gale Group
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 File 483: Newspaper Abs Daily 1986-2002/Nov 19
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 File 6: NTIS 1964-2002/Nov W3
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 File 144: Pascal 1973-2002/Nov W3
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 File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 1998 Inst for Sci Info
 File 34: SciSearch(R) Cited Ref Sci 1990-2002/Nov W4
 (c) 2002 Inst for Sci Info
 File 99: Wilson Appl. Sci & Tech Abs 1983-2002/Oct
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 File 62: SPIN(R) 1975-2002/Oct W2
 (c) 2002 American Institute of Physics
 File 239: Mathsci 1940-2002/Jan
 (c) 2002 American Mathematical Society
 File 438: Library Literature 1984-2002/Oct
 (c) 2002 The HW Wilson Co

Set	Items	Description
S1	8301962	WEIGH? OR INFLUENC? OR SCORE? ? OR GRADE? ? OR GRADING OR - RATE? ? OR RATING? ?
S2	5080387	WORD? ? OR KEYWORD? ? OR TERM? ? OR TERMINOLOG??? OR PHRAS- E? ? OR SENTENCE? ? OR EXPRESSION? ? OR STRING? ?(3N)CHARACTE- R? ?
S3	1368	S1(5N)S2(5N)POSITIV?(5N)NEGATIV?
S4	712294	AD OR ADS OR ADVERTIS??? OR ADVERTISEMENT? ? OR PROMOTION?? OR BANNER? ?
S5	32913	S4(5N)(RELATE? ? OR RELATING OR RELATIONSHIP? ? OR ASSOCIA- T??? OR MATCH??? OR COMPARABLE OR CORRESPOND? OR CORRELAT? OR EQUAT? OR SUPPORT? OR MAP????)
S6	8905	S4(5N)(APPLICABL? OR CLOSEST OR PERTINENT OR RELEVANT OR R- ELEVANCE OR APPROPRIATE OR SUIT???? OR SIGNIFICANT OR SIGNIFI- CANCE OR IMPORTAN??)
S7	13196	S4(5N)(SEARCH? OR FIND??? OR LOCATE? ? OR LOCATING OR LOOK- ??? OR OBTAIN? OR QUERY??? OR QUERIE? ? OR RETRIEV? OR GET? ? OR GETTING)
S8	95502	S2(5N)(ADD?? OR ADDING OR ADDITION? ? OR SUM? ? OR SUMM??? OR SUMMATION OR TOTAL? OR MULTIPLY??? OR MULTIPLIE? ? OR MULT- IPLICA?)
S9	223983	S1(5N)(ADD?? OR ADDING OR ADDITION? ? OR SUM? ? OR SUMM??? OR SUMMATION OR TOTAL? OR MULTIPLY??? OR MULTIPLIE? ? OR MULT- IPLICA?)
S10	41	(WEIGH? OR SCORE? ?)(3N)(WORD? ? OR KEYWORD? ? OR TERM? ? -

OR TERMINOLOG???) (3N) POSITIV? (3N) NEGATIV?

S11	35	RD (unique items)
S12	30	S11 NOT PY=2000:2002
S13	145680	S1(5N)S2
S14	5943	S2(5N)S4
S15	176	S13 AND S14
S16	15	S15 AND (INTERNET OR WEB????? OR ONLINE OR ON()LINE OR NET- WORK? OR SERVER? ?)
S17	7480	S13 AND S8:S9
S18	102	S17 AND S4
S19	2	S18 AND (INTERNET OR WEB????? OR ONLINE OR ON()LINE OR NET- WORK? OR SERVER? ?)
S20	1	S19 NOT S16

12/5/9 (Item 1 from file: 202)
DIALOG(R)File 202:Information Science Abs.
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2802533

A computer-aided abstracting tool kit.

Author(s): Craven, T C
Corporate Source: Univ. of Western Ontario, London, Ontario
Canadian Journal of Information Science vol. 18, no. 2, pages 19-31
Publication Date: Jul 1993
ISSN: 1195-096X
Language: English
Document Type: Journal Article
Record Type: Abstract
Journal Announcement: 2800

Abstracting assistance features are being prototyped in the TEXNET text network management system. Sentence **weighting** methods available include: **weighting negatively** or **positively** on the stems in a selected passage; **weighting** on general lists of cue **words**; adjusting weights of selected segments; and weighting on occurrences of frequent stems. The user may adjust a number of parameters: the minimum length of extracts; the threshold for a "frequent" word/stem; and the amount a sentence weight is to be adjusted for each weighting type.

Descriptors: Abstracting; Computer aided performance; Network management systems; Weighting

Classification Codes and Description: 4.04 (Abstracting, Reviewing); 5.06 (Software and Programming)

Main Heading: Information Recognition and Description; Information Processing and Control

12/5/11 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC
(c) 2002 Institution of Electrical Engineers. All rts. reserv.

4541910 INSPEC Abstract Number: C9401-7240-011

Title: A computer-aided abstracting tool kit

Author(s): Craven, T.C.
Author Affiliation: Sch. of Libr. Inf. Sci., Univ. of Western Ontario, London, Ont., Canada
Journal: Canadian Journal of Information and Library Science vol.18, no.2 p.19-31
Publication Date: July 1993 Country of Publication: Canada
ISSN: 1195-096X
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)

Abstract: Abstracting assistance features are being prototyped in the TEXNET text network management system. Sentence **weighting** methods available include: **weighting negatively** or **positively** on the stems in a selected passage; **weighting** on general lists of cue **words**; adjusting weights of selected segments; and weighting on occurrences of frequent stems. The user may adjust a number of parameters: the minimum length of extracts; the threshold for 'frequency' word/stem; and the amount a sentence weight is to be adjusted for each weighting type. (25 Refs)

Subfile: C

Descriptors: abstracting; full-text databases

Identifiers: computer-aided abstracting tool kit; TEXNET; text network management system; sentence weight

Class Codes: C7240 (Information analysis and indexing); C7250L (Non-bibliographic systems)

12/5/15 (Item 2 from file: 144)

DIALOG(R)File 144:Pascal
(c) 2002 INIST/CNRS. All rts. reserv.

13451774 PASCAL No.: 98-0146928

Evoked potential correlates of semantic meaning : A brain mapping study

SKRANDIES W

Physiological Institute, Justus-Liebig University, Aulweg 129, Giessen
35392, Germany

Journal: Cognitive brain research, 1998, 6 (3) 173-183

ISSN: 0926-6410 Availability: INIST-22645; 354000078867820020

No. of Refs.: 60 ref.

Document Type: P (Serial) ; A (Analytic)

Country of Publication: Netherlands

Language: English

According to the 'semantic differential technique' the affective meaning of words can be quantified in statistically defined, independent dimensions where every word is uniquely located on the three dimensions evaluation ('good -bad'), potency ('strong-weak'), and activity ('active-passive'). Two experiments were performed on a total of 52 adults: first, 162 nouns were rated by 30 subjects. All words had a comparable number of letters and frequency of occurrence in the German language. A factor analysis followed by varimax rotation on the ratings yielded three semantic dimensions, and for each dimension up to 20 words were selected which scored highly positive or highly negative on one of the three dimensions, and had small scores on the others. This resulted in six semantic word classes which were then used in electrophysiological experiments performed on another group of 22 healthy light-handed adults. Stimuli were presented sequentially on a computer monitor in a randomized order, and the EEG was recorded in 30 channels and continuously stored on hard disk. A checkerboard reversal stimulus was used in a control condition. Evoked potentials were computed off-line for each semantic class. Comparison of the factor structure revealed highly similar semantic dimensions and classification of all words used. In the electrophysiological data, specific brain activity occurred that was related to semantic processing. These components, however, showed distinctive differences to brain activity elicited by contrast reversing checkerboard patterns as was evident from significant differences in component latency, amplitude, and scalp topography. Significant differences in scalp topography, latency and field strength between semantic word classes were not restricted to late 'cognitive' components, but brain activity at small latencies was affected by semantic meaning of the stimuli. Our data show how visually evoked brain activity is modulated by the meaning of the stimuli at early processing stages without reflecting hemispheric differences.

English Descriptors: Semantics; Event evoked potential; Brain (vertebrata); Topography; Electroencephalography; Human

Broad Descriptors: Language; Electrophysiology; Central nervous system; Cognition; Language; Electrophysiologie; Systeme nerveux central; Cognition; Lenguaje; Electrofisiologia; Sistema nervioso central; Cognition

French Descriptors: Semantique; Potentiel evoque cognitif; Encephale; Topographie; Electroencephalographie; Homme

Classification Codes: 002A26C07

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12/5/28 (Item 8 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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02145724 Genuine Article#: KE855 Number of References: 0

Title: WHATS IN A NAME

Author(s): KELLNER KR; ROBINSON GE

Corporate Source: UNIV FLORIDA, COLL MED, DEPT OBSTET &

GYNECOL, POB100294/GAINESVILLE//FL/32610; UNIV TORONTO, DEPT

PSYCHIAT/TORONTO M5G 2C4/ONTARIO/CANADA/

Journal: JOURNAL OF PSYCHOSOMATIC OBSTETRICS AND GYNAECOLOGY, 1992, V13, N4
(DEC), P237-241

ISSN: 0167-482X

Language: ENGLISH Document Type: EDITORIAL

Geographic Location: USA; CANADA

Subfile: SocSearch; SciSearch; CC CLIN--Current Contents, Clinical Medicine
; CC SOCS--Current Contents, Social & Behavioral Sciences

Journal Subject Category: PSYCHIATRY; OBSTETRICS & GYNECOLOGY

Abstract: To test the impression that the term 'psychosomatic' evokes negative feelings, an opinion survey was conducted in a Department of Obstetrics and Gynecology and in a Department of Psychiatry. Physicians and non-physicians were asked to **score** as **negative** or **positive** (scale 1 to 5) 20 **terms** including and related to Psychosomatics, Obstetrics and Gynecology and Psychiatry. 'Psychosomatic' was scored negatively by all groups in both departments. Societies representing psychosomatic disciplines may want to consider the possible deterrent effect this term may have on the recruitment of new members.

12/5/30 (Item 2 from file: 239)

DIALOG(R)File 239:Mathsci

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02061148 MR 89a#03100

Application of fuzzy implication to probe nonsymmetric relations. II.

Ahlquist, Jon E. (Department of Mathematics, Florida State University, Tallahassee, 32306, Florida)

Corporate Source Codes: 1-FLS

Fuzzy Sets and Systems

Fuzzy Sets and Systems, 1988, 25, no. 1, 87--95. ISSN: 0165-0114

CODEN: FSSYDB

Language: English

Document Type: Journal

Journal Announcement: 2005

Subfile: MR (Mathematical Reviews) AMS

Abstract Length: MEDIUM (23 lines)

Summary: ``Nonsymmetric relations are explored by considering the average difference \overline{D} between degrees of many realizations of the fuzzy implications $A \rightarrow B$ and $B \rightarrow A$. Nine fuzzy implication operators were tested under the condition that the degrees of A and B be maximally fuzzy, i.e. that the marginal distributions of the degrees of A and B be uniformly distributed across $[0,1]$. For three of the operators, $\overline{D}=0$ always, indicating no possible difference between the average of $A \rightarrow B$ and $B \rightarrow A$. For the remaining six operators, \overline{D} can be nonzero, but the sign of \overline{D} from four operators always disagrees with the sign of \overline{D} from the other two operators. Thus, the various fuzzy implication operators proposed to date do not agree as to the average relative strength of $A \rightarrow B$ versus $B \rightarrow A$.

``These results are explained by expanding \overline{D} as a sum of weighted orthogonal functions. For the six operators for which $\overline{D} \neq 0$, \overline{D} is dominated by one **term** in the sum. That **term** is **weighted positively** for four operators and **negatively** for the other two.

``This study closes with an example which emphasizes the importance of carefully defining the fuzzy membership degrees of the antecedent and consequent propositions of an implication.''

{Part I has been reviewed [MR 88c:03031].}

Reviewer: Summary

Review Type: Abstract

Descriptors: *03E72 -Mathematical logic and foundations-Set theory (See also 04-XX)-Fuzzy sets (See also 54A40, 94D05)

16/5/1 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01421302 ORDER NO: AADAA-I0576025

ON - LINE **SENTENCE COMPREHENSION IN ALZHEIMER'S DISEASE**

Author: SMALL, JEFF ALAN

Degree: PH.D.

Year: 1994

Corporate Source/Institution: UNIVERSITY OF SOUTHERN CALIFORNIA (0208)

Adviser: ELAINE S. ANDERSON

Source: VOLUME 56/03-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 912.

Descriptors: LANGUAGE, LINGUISTICS; HEALTH SCIENCES, MENTAL HEALTH

Descriptor Codes: 0290; 0347

Previous research has suggested that **sentence** comprehension in Alzheimer's disease (**AD**) is impaired. However, these results may be misleading because the methods used to measure sentence comprehension imposed heavy demands on the patients' diminished working memory (WM) and processing capacity. As a result, it is not clear whether the patients' deficits were due to the difficulty of the task itself, the processes uniquely involved in sentence comprehension, or both. The present study investigates the source(s) of **sentence** comprehension deficits in **AD** by controlling for this task-related confound. An **on - line** experiment that minimizes task demands is employed, along with a more traditional off-line sentence comprehension measure. The relationship between **on - line** sentence comprehension, WM capacity, and processing speed is examined by manipulating the grammatical complexity and the presentation **rate** (normal versus slow) of the **sentence** stimuli and comparing performance on these two variables with WM abilities. Four AD patients (2 mild, 2 moderate) and 20 normal controls were tested. The results indicate more impaired off- than **on - line** performance. AD patients with greater WM impairments experienced diminished comprehension of more complex sentences. None of the subjects demonstrated improved **sentence** comprehension at the slow speech **rate** , and one patient with severe WM loss showed worse comprehension at this rate. The better on- than off-line performance suggests that the methods employed in previous research may have underestimated **AD** patients' actual **sentence** comprehension abilities. This finding has implications for neurolinguistic research, which has been overly dependent on off-line measures of language functions. The correlation between WM **scores** and **on - line sentence** comprehension indicates that the latter is constrained by WM capacity. This finding conflicts with a modular conception of grammar in which language is impervious to central processes. Finally, the speech rate data provide evidence that slower speech does not automatically facilitate **AD** patients' **sentence** comprehension. These results call into question the common clinical advice that caregivers should slow their speech when speaking to AD patients. (Copies available exclusively from Micrographics Department, Doheny Library, USC, Los Angeles, CA 90089-0182).

16/5/2 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2002 Institution of Electrical Engineers. All rts. reserv.

5974883 INSPEC Abstract Number: C9809-7170-001

Title: AI @ work

Journal: PC AI vol.12, no.3 p.39-40

Publisher: Knowledge Technology,

Publication Date: May-June 1998 Country of Publication: USA

CODEN: PCAIE5 ISSN: 0894-0711

SICI: 0894-0711(199805/06)12:3L:39;W;1-O

Material Identity Number: F457-98003

U.S. Copyright Clearance Center Code: 0894-0711/98/\$3.00+0.25

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: One promotion fulfilment company and its clients often believed

they had a good sense of the expected volume of consumer response to different promotions. They spent countless hours developing models using traditional modeling techniques. What they found out, however, was that these best guesses offered little predictive insight into actual **promotion response rates**. The short-term result was upset kids (and adults) who had to wait weeks longer to receive their coveted toy or T-shirt because supplies were inadequate. The long-term result was more serious-customers who may no longer purchase a product. The promotion company turned to GoalAssist Corp. Minneapolis, MN, a consulting group experienced in the use of pattern recognition tools, for assistance to improve the accuracy of these predictions. Jerry Hammann of GoalAssist thought that a neural **network** was the best tool to solve the problem because the companies had historical customer response data. Hammann created a prediction system using two **networks**. He trained the first **network** with the NeuroShell Easy Classifier from Ward Systems Group, Inc. Inputs such as media type, circulation, product type, number of UPCs required, refund or promotion amount, etc., resulted in four broad ranges of response to the promotion. The second **network** used the original inputs from the first **network** plus the outcome classification from the first net. It was built with the NeuroShell Easy Predictor to forecast response rate. (0 Refs)

Subfile: C

Descriptors: marketing data processing; neural nets

Identifiers: promotion fulfilment company; GoalAssist Corp; pattern recognition tools; historical customer response data; NeuroShell Easy Classifier; media type; circulation; product type; outcome classification; NeuroShell Easy Predictor; response rate

Class Codes: C7170 (Marketing computing); C5290 (Neural computing techniques)

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16/5/3 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00581017 00FT03-003

One Internet metric that really matters

Gurley, J William

Fortune , March 6, 2000 , v141 n5 p392, 1 Page(s)

ISSN: 0015-8259

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Explains that when analyzing an **Internet** business, there is one metric that really matters - the conversion rate. Says the conversion metric measures the number of visitors to a particular site during a particular time period divided into the number of visitors who take action at the site (such as buy something or register). Says the number may seem rudimentary, but a strong conversion rate offers true leverage to the site owner. Says most conversion rates are between 3 and 5 percent, while lower may be poor, and higher would be considered good. Explains there are five important elements of an effective **Web** site: user interface, performance, convenience, effective **advertising**, and **word** of mouth. Notes the conversion **rate** is the single metric that measure all the elements of the effective **Web** site. (bjp)

Descriptors: Electronic Commerce; **Internet** ; Economics; Business

16/5/4 (Item 2 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00463113 97WW06-026

Infoseek looks to cookies to target ads more finely

Wang, Nelson

WebWeek , June 2, 1997 , v3 n16 p41, 1 Page(s)

ISSN: 1081-3071

Company Name: Infoseek

Product Name: Infoseek Ultramatch
Languages: English
Document Type: Product Announcement
Geographic Location: United States

Announces Ultramatch, a cookie-based advertising-targeting service from Infoseek. Says that the service promises to dramatically increase clickthroughs by delivering ads to the users that are most likely to respond to them, based on their past behavior. Adds that the service, which carries a \$55 cost per thousand (CPM) impression rate, uses anonymous cookies to keep track of what keywords a particular user has entered, the directory topics they choose, and ads they click on. Neural **networking** technology compares users' behavior and determines which ads a user will be most likely to click on. Adds that analysts are impressed with Ultramatch and that studies show that Ultramatch doubles clickthrough **rates** on **ads** tied to specific **keywords**. Concludes that Infoseek signed up 31 advertisers, including Microsoft, on Ultramatch over the past four weeks. (smg)

Descriptors: Advertising; Search Engines; Consumer Information;
Corporate Strategy; **Online** Searching
Identifiers: Infoseek Ultramatch; Infoseek

16/5/5 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2002 Japan Science and Tech Corp(JST). All rts. reserv.

02679735 JICST ACCESSION NUMBER: 96A0400020 FILE SEGMENT: JICST-E
Word -of-mouth influence on marketing for high-school age girls in Japan.

ITO JUNKO (1)

(1) Eigaaru

Joho Shori Gakkai Kenkyu Hokoku, 1996, VOL.96, NO.29(IM-25), PAGE.41-48

JOURNAL NUMBER: Z0031BAO ISSN NO: 0919-6072

UNIVERSAL DECIMAL CLASSIFICATION: 681.51:007.51

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

ABSTRACT: Approximately(15-18) 2.6 million girls in Japan of high-school age 50% of this group (1.3 million) have a telephone with answering system and facsimile in their own private room. 40% (1.04 million) have their own pager. Much attention has been made of the introduction of the Inter net, but, at present, most conversations among this group are of the "CHAT LINE" variety. However, sales of new consumer goods are heavily **influenced** by primitively **word -of-mouth** conversations among high-school girls. Items like "Ichigo-Pocky" and "Coara no march" have been made into hits by **word -of-mouth advertising** among them. There are surely ways to improve **word -of-mouth advertising**. Accordingly, I would like to examine and explore the mechanics of **word -of-mouth advertising** and its value in the overall picture of women's information. (author abst.)

DESCRIPTORS: communication; woman; human factor; fashion; multi-media;
network

BROADER DESCRIPTORS: femininity; sex; human(sociology); information media

CLASSIFICATION CODE(S): IB03000G

16/5/6 (Item 1 from file: 483)

DIALOG(R)File 483:Newspaper Abs Daily

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06611901 SUPPLIER NUMBER: 81932923

Media: Wake up call for C4: It's the hottest TV pitch in town, but suddenly Channel 4 is thinking less of the next Chris and Gabby and more of news, news, news to replace the Big Breakfast. Matt Wells reports

Wells, Matt

Guardian, p MEDIA.8

Sep 24, 2001

ISSN: 0261-3077 NEWSPAPER CODE: MG
DOCUMENT TYPE: News; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

ABSTRACT: Guru-Murthy was paired with Jasmine Lowson, who reads the short ITN bulletins on the Big Breakfast and, in a previous incarnation, read the news on the ill-fated L!VE TV channel while News Bunny (a man dressed in a rabbit costume) danced behind her. The stylish Channel 4 News set, shorn of the confines of the traditional newsreader's desk, did not look out of place. Executives at ITN have been musing whether they should mount a last-minute bid. But if ITN were handed the contract at the last gasp, it would cause a storm: the Big Breakfast pitch is one of the biggest independent commissions in town. Those who remember the Big Breakfast's predecessor, the Channel 4 Daily, question whether the **network** should go back to a more serious format: the programme was lightweight, over-stylised and directionless. They also point out that the Big Breakfast, while attracting a low audience, has always punched above its **weight** in **advertising** revenue **terms**, because of the attractive young demographic it reaches - unlikely to be the case with a news-based show.

DESCRIPTORS: Reorganization; Television programming
COMPANY INFORMATION:
Channel 4-UK NAICS: 513120

16/5/7 (Item 2 from file: 483)
DIALOG(R) File 483:Newspaper Abs Daily
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06591869 SUPPLIER NUMBER: 80144456
Media: Open letter to C4's new chief: As the successor to Michael Jackson is chosen, Pat Younge recaps some of the key issues facing Channel 4, from the role of its minorities remit to the track record of Tim Gardam
Younge, Pat
Guardian, p MEDIA.7
Sep 10, 2001

ISSN: 0261-3077 NEWSPAPER CODE: MG
DOCUMENT TYPE: Commentary; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

ABSTRACT: First, you need a significant failure. Seems like a strange thing to aim for, but I honestly believe it's the best way to head off the critics who claim the channel has become too commercial and is straying from its remit for innovation. Take Big Brother. The wisdom now is that it was always going to be a ratings banker, after all it had done well in the Netherlands before coming to C4 - why else would C4 strip it five days a week in peak-time? But Survivor did well in the States, then died here; likewise, look at the audience and critical reaction to the Premiership compared to Match of the Day. Big Brother could also have bombed. So could Test Cricket. Second, find some new minorities and target them conspicuously. One of the reasons for the brand strength of C4 as Britain's most contemporary channel is that the "old" minorities they've superserved since 1982 are now firmly part of the new mainstream. And because C4's programming responses to multiculturalism, lesbians and gays have also changed over time, they not only reflect these broader societal changes, but also reinforce them. One of the most powerful messages that came back from the most recent focus groups on multicultural programmes is that black and white viewers felt C4 has changed in step with their lives, a very powerful brand association. In **terms** of its **ratings** and **advertising** income, C4 is doing pretty well, and critical recognition of its output has never been higher. [Tim Gardam] is passionately against the privatisation of C4, and an articulate advocate of how C4 balances its remit and commercial needs.

DESCRIPTORS: Television **networks** ; Chief executive officers; Television programming
NAMED PERSONS: Gardam, Tim
COMPANY INFORMATION:

16/5/8 (Item 3 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
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06205068 SUPPLIER NUMBER: 62879099
Ashford.com cuts losses, predicts profitability soon
Fowler, Tom
Houston Chronicle, p 2
Oct 24, 2000
NEWSPAPER CODE: HC
DOCUMENT TYPE: -LINKS-; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

ABSTRACT: **Online** retailer Ashford.com lost less money than Wall Street expected this past quarter and now says losses will be 10 to 20 percent lower over the next year as it moves toward profitability. The company has redrawn its roadmap toward profitability in December 2001 to include losses significantly smaller than originally expected. Chief Executive Kenny Kurtzman attributed the expected smaller losses to lower customer acquisition costs and lower advertising rates as competitors continue to go out of business. A number of other **online** retail jewelers have gone out of business in the past quarter, including Miadora, Adornis and Eve. Their losses have been Ashford.com's gain, both in **terms** of lower **ad rates**, a slight increase in customer traffic and the addition of new product lines.

16/5/9 (Item 4 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
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05633851
THE CUTTING EDGE; Search Engines Win Round in Playboy's Trademark Suit
Miller, Greg
Los Angeles Times, Sec C, p 1, col 4
Jul 19, 1999
ISSN: 0458-3035 NEWSPAPER CODE: LA
DOCUMENT TYPE: News; Newspaper
LANGUAGE: English RECORD TYPE: ABSTRACT
LENGTH: Medium (6-18 col inches)

ABSTRACT: **Internet** search engines aren't in violation of trademark laws when they sell **advertisements** linked to such trademarked **terms** as Playboy and Playmate, according to a recent ruling by a federal judge in Santa Ana. The ruling, the first of its kind in this area of law, is a setback for Playboy Enterprises Inc. in its ongoing trademark infringement lawsuit against search engines Excite Inc. and Netscape Communications Corp. In Playboy's case, the banner **ads** produced by searching its trademarked **terms** are often for X- **rated Internet** sites that have nothing to do with the Chicago-based adult magazine. In its suit, Playboy accused Excite and Netscape of confusing consumers and infringing its trademark.

DESCRIPTORS: Litigation; Court decisions
COMPANY INFORMATION:
Playboy Enterprises Inc
Excite Inc
Netscape Communications Corp

16/5/10 (Item 5 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
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05585493
Should You Get a Mortgage Online ? --- It Can Be Faster and Easier But

'Watch for Pitfalls; Those Sneaky Fees

Fletcher, June

Wall Street Journal, Sec W, p 12, col 3

Jun 11, 1999

ISSN: 0099-9660

NEWSPAPER CODE: WSJ

DOCUMENT TYPE: Feature; Newspaper

LANGUAGE: English

RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

ABSTRACT: This time around, the pain factor was a lot lower. Mr. Pitch simply turned on his computer and clicked on a home-loan **Web** site. Instantly, he was able to compare the terms of a dozen lenders and apply for the best rate. A loan officer called him back the next day, and the \$134,000 deal closed within five weeks. "It was so much faster and easier than the first time, I couldn't believe it," Mr. Pitch says. After checking more than a dozen sites, we agreed with Mr. Pitch: **Online** loans seem to be faster and easier than the traditional method. They can also be cheaper, because you can compare different lenders' terms at the touch of a button. And there are more choices than ever, as the number of **online** lenders continues to grow. According to the Mortgage Bankers Association, more than 3,000 lenders now offer mortgages on the **Web**, up from only 60 in 1996. (Though the number of loans originated **online** is still relatively minuscule, the field is expanding so fast that the trade association estimates that by the year 2003, almost one out of every four loans will originate on the **Internet**.) Federal law requires anyone who **advertises** specific interest **rates** and **terms** also to post an annual percentage rate or "APR." The APR is supposed to show the true cost of the loan, including points and loan origination fees, so borrowers can make informed comparisons of deals. But some **Web** sites don't show APRs.

DESCRIPTORS: Your money matters (wsj); Mortgages; **Web** sites

SPECIAL FEATURES: Illustration

16/5/11 (Item 6 from file: 483)

DIALOG(R)File 483:Newspaper Abs Daily

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02765294

NBC gets final N.F.L. contract while CBS gets its Sundays off

Sandomir, Richard

New York Times, Sec A, p 1, col 5

Dec 21, 1993

ISSN: 0362-4331

NEWSPAPER CODE: NY

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English

RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

ABSTRACT: For the first time in decades, CBS has been knocked out of broadcasting NFL games. NBC retained the rights to broadcast AFC games and the Fox **Network** outbid CBS for NFC games. The effects Fox's acquisition will have in **terms** of **ratings** and **advertising** are discussed.

DESCRIPTORS: Television sports; Professional football; Contracts;

Television **networks**

SPECIAL FEATURES: Table

COMPANY INFORMATION:

Fox Television Stations Inc

CBS Inc

NBC Inc

National Football League

NFL

16/5/12 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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09746861

Leclerc met l' **internet** /

France: Leclerc's surveillance via the **Internet**
LSA (LSA) 04 Apr 2002 No1762, p.70
Language: FRENCH

Leclerc has invested EUR 70,000 in setting up an **Internet** surveillance system. It involves the 25 Leclerc stores in the Ile-de-France which are connected to the SCADF purchasing group, and which are now required to make their declarations to URSSAF, the body managing social security payments and funds, via the **Internet**. All measures have been taken to provide security in making **on - line** declarations: the 800 computers involved have been configured to transmit all **Internet** access through the purchasing group; the installation of software to detect intrusions and powerful anti-virus software; installing two special software - **Websense** designed to ban personal access to incorrect sites or inappropriate for the company (such as pornographic sites, **on - line** games, etc) and Interscan, designed to trace certain key **words**, such as ' **promotional rates** ' in emails.

COMPANY: LECLERC; SCADF

PRODUCT: Hypermarkets (5321); Grocery Stores (5411); Food Retailing (5400); Computer & Data Security Software (7372CD);

EVENT: General Management Services (26); Capital Expenditure (43); Use of Materials & Supplies (46); Contracts & Orders (61);

COUNTRY: France (4FRA);

16/5/13 (Item 2 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)
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09217122

Les cha nes thZmatiques en concurrence avec **Internet**

EU: **INTERNET** 'S INFLUENCE ON TELEVISION

Le Figaro (XMV) 24 Dec 1999 p.42

Language: FRENCH

According to a survey by IP RZgie, **Internet** has no **influence** on television as yet in **terms** of audience and **advertising**. However, **advertising** investments are growing on both **Internet** and television. There is no relationship between **Internet** accessibility and the length of time people watch television. However, **Internet** may become a major direct marketing competitor of television. According to European TV, 272.3mn European households now have television, 93.6mn of them have cable and/or satellite television, and 32.5mn have **Internet**.

PRODUCT: Television Broadcasting (4833);

EVENT: Sales & Consumption (65); Marketing Procedures (24);

COUNTRY: European Community (4EC);

16/5/14 (Item 1 from file: 266)

DIALOG(R)File 266:FEDRIP

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00305002

IDENTIFYING NO.: 5R01CA64161-05 AGENCY CODE: CRISP

DOXORUBICIN BIOSYNTHESIS AND RESISTANCE

PRINCIPAL INVESTIGATOR: SIH, CHARLES J

ADDRESS: UNIVERSITY OF WISCONSIN 1150 UNIVERSITY AVENUE CHAMBE

PERFORMING ORG.: UNIVERSITY OF WISCONSIN MADISON, MADISON, WISCONSIN

SPONSORING ORG.: NATIONAL CANCER INSTITUTE

FY : 2001 TYPE OF AWARD: Noncompeting Continuation (Type 5)

SUMMARY: DESCRIPTION: This application proposes to investigate the genetic and biochemical regulation of doxorubicin (DXR) production in *Streptomyces peucetius*. DXR is an important cancer chemotherapy drug produced commercially by fermentation. Information about the regulation of

DXR biosynthesis could be used to increase DXR production, which could have definite economic benefits because FXR is a very costly drug and unimproved strains typically produce less than ug/ml of it. The principal investigator will study how the *dnrI* and *dnrN* genes, identified as key regulators of DXR production in our previous work, regulate **expression** of the *dnr* structural **ad** resistance genes temporally and in response to environmental factors. He also will initiate a search for loci outside the cluster of DXR production genes that control expression of the *dnrN* response regulator gene or the activity of the transcription factors *DnrN* and *DnrI*. This work eventually will uncover the signal transduction **network** that directs when and how much DXR is made in response to the growth environment. It will also help to define the regulons and stimulon of *S. peucetius* that govern its global responses to environmental stimuli, an important but largely unexplored aspect of *Streptomyces* biology.

Specific Aims: 1. The applicants will purify and characterize the *DnrI* and *DnrN* proteins that have been overproduced in *Escherichia coli* and *peucetius*. 2. The applicants will determine whether the purified *DnrL* protein binds to promoter regions of the *dpsABCD* polyketide synthase genes, *dnrUV* deoxysugar biosynthesis genes, *dnrDKPQS* late-acting and sugar biosynthesis genes, and the *drrAB* and *drrC* resistance genes by DNA footprinting and gel mobility shift experiments. *DnrN* binding to the *dnrN* and *DnrI* promoters will also be investigated. 3. The applicants will determine if phosphorylation is required for activity of the *DnrN* and possibly *DnrI* proteins by P32-labeling experiments in vitro coupled with the DNA binding studies above. If phosphorylation occurs, then we will determine the site of protein phosphorylation by limited proteolysis and amino acid sequence analysis of labeled oligopeptides made from *DnrN* and *DnrI*. 4. If phosphorylation of *DnrN* is required then we will attempt to purify the relevant kinase from *S. peucetius* so that its gene can be cloned. As an alternative approach to cloning this gene, we will use hybridization analysis with selected *Streptomyces* regulatory genes or mutagenesis coupled with its effect on the expression of a *dnrI::melC* gene fusion to seek loci outside the *dnr* gene cluster that control the posttranslational activation of *DnrN*. 5. They will address whether the *DnrO* repressor protein controls *dnrN* expression temporally or in response to DXR or intermediates of its biosynthesis by determining if *dnrO* inactivation deregulates or derepresses *dnrN* expression. They also will investigate whether *DnrO* negatively regulates expression of the *drrAB* *DNR/DXR* resistance genes. 6. They will assess whether the **expression** of *dnrN* and *dnrI* is **influenced** by the phosphate level in the culture at the time of DXR production, since DXR production is known to be phosphate but not carbon or nitrogen catabolite repressed. If not, then the applicants will determine if the expression of selected *dnr* structural genes is controlled by phosphate level, with or without *dnrN* or *dnrI* involvement.

DESCRIPTORS: doxorubicin; *Streptomyces*; cell growth regulation; drug resistance; transfection; molecular cloning; fusion gene; gene expression; genetic promoter element; bacterial genetics; growth media; microorganism growth; microorganism mass culture; microorganism metabolism; nucleic acid hybridization; DNA footprinting; phosphate; phosphorylation; protein sequence; binding protein; gel mobility shift assay

16/5/15 (Item 1 from file: 95)

DIALOG(R)File 95:TEME-Technology & Management
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01065950 I96121167200

Co-ordinated economic and advance dispatch procedures

(Ueber koordinierte und wirtschaftliche Dispatching-Verfahren)

Demartini, G; Granelli, GP; Marannino, P; Montagna, M; Ricci, M

Centro Ricerca di Autom., ENEL SpA, Cologno Monzese, Italy

IEEE Transactions on Power Systems, v11, n4, pp1785-1791, 1996

Document type: journal article Language: English

Record type: Abstract

ISSN: 0885-8950

ABSTRACT:

The paper deals with the problem of improving co-ordination between the

online economic dispatch (ED) function and the very short-term advance dispatch (AD). Both procedures are formulated as optimal dispatching problems, but while a static model is used for the ED function, a dynamic model is employed in AD. The need to account for ramp-rate limits of thermal power generation even in the ED phase is satisfied by adding suitable penalty terms to the objective function of the classical ED problem. These penalties are proportional to the Lagrange multipliers associated with ramp-rate limits that are active at the AD solution. An efficient updating procedure is used to correct the penalization by taking the load forecast errors into account. The proposed co-ordination procedure can provide the snapshot ED with the long range perspective of AD without resorting to heuristic approaches. The procedure is validated by extensive testing carried out both on a small CIGRE test case and on a medium-large scale network representative of the Italian EHV system. Moreover, test results show that the CPU time requirements of the modified ED procedure are still suited to online applications.